



## Arya Tina Gene

Product's Name:	About the product:
TinaGrast (Filgrastim)	Filgrastim is a recombinant methionyl human granulocyte colony stimulating factor (r-met-HuG-CSF), available for accelerating the recovery of neutrophil counts following a variety of chemotherapy regimens.

Pictures of the products:



For more information about the product download the catalogue of the product from the following link:

<http://www.atgbio.com/en/tinagrast>

Aryogen  
Biopharma



Product's Name:	About the product:
<b>AryoSeven™ 1.2 mg (60 KIU)</b>	<p>AryoSeven™ is Recombinant Activated Human blood coagulation Factor VII. AryoSeven™ is indicated for treatment and prevention of bleeding episodes in patients with:</p> <ul style="list-style-type: none"> <li>- Hemophilia A or B with inhibitors</li> <li>- Acquired hemophilia</li> <li>- Congenital factor VII deficiency</li> <li>- Glanzmann's thrombasthenia</li> </ul>
<b>Altebrel™</b>	<p><b>Altebrel™</b> is a biosimilar product with the generic name of Etanercept. It is used for treatment of several autoimmune diseases like Rheumatoid Arthritis, Plaque Psoriasis, Psoriasis Arthritis, Spondyloarthritis, Ankylosing Spondylitis and Juvenile Idiopathic.</p>
<b>Zytux™</b>	<p><b>Zytux™</b> is a biosimilar product with the generic name of Rituximab and is used for treatment of some types of cancer. It is a chimeric monoclonal antibody against CD20 antigens presents on surface of lymphocyte cells.</p>
<b>Hercease (Trastuzumab)</b>	<p><b>Hercease™</b>, is a biogeneric form of Trastuzumab and is used for treatment of breast cancer.</p> <p>it is a recombinant DNA-derived humanized monoclonal antibody that</p>

## Profile of the companies

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	selectively targets the extracellular domain of the human epidermal growth factor receptor 2 protein (HER2). Hercease is a common product of Aryogen and Kawsar company.
<b>AryoTrust™</b>	<b>AryoTrust™</b> , is a biogeneric form of Trastuzumab and is used for treatment of breast cancer. It is a monoclonal antibody against Human Epidermal Growth Factor Receptor 2 (HER2).

Pictures of the products:



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MabAsia



MabAsia Biopharm Co.

Product's Name:	About the product:
Adalimuma	clinical trial
Infliximab (Rheumatoid Arthritis)	<b>Pipeline</b>
Bevacizumab (Various Cancers)	
Pertuzumab (Breast Cancer)	
Natalizumab (Multiple Sclerosis)	
Ustekinumab (Psoriasis)	

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Bayerpaul fanavar



Product's Name:	About the product:
<ul style="list-style-type: none"> <li>• Epidemic influenza vaccine</li> <li>• Human rabies vaccine</li> <li>• Human Papiloma vaccine</li> <li>• Rotavirus vaccine</li> <li>• Inactivated Polio vaccine</li> <li>• Chicken pox vaccine</li> </ul>	<b>Vaccines developing in R&amp;D Department</b>
<b>HBV</b> <b>CMV</b> <b>BK</b> <b>JC</b> <b>HPV</b> <b>H.Pylori</b> <b>HCV</b> <b>HIV</b> <b>FLU H1</b> <b>FLU H5</b> <b>FLU B</b>	<b>Molecular Diagnostics Test Kits (PCR and Real Time PCR)</b>
<b>HBsAg</b> <b>Anti-HBs</b> <b>HAV IgG</b> <b>HAV IgM</b> <b>HCV</b> <b>HIV 1/2</b> <b>HIV Ag-Ab</b> <b>HTLV I/II</b> <b>H. Pylori</b>	<b>Immunoassay (ELISA) Diagnostics Test Kits</b>

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<b>HBs Ag</b> <b>Anti-HBs</b> <b>HCV</b> <b>HAV IgG</b> <b>HIV 1/2</b> <b>Influenza A, B</b> <b>Vibrio Ogava</b> <b>Vibrio Inaba</b> <b>Vibrio typing</b> <b>H. Pylori</b> <b>PSA</b>	<b>Rapid Diagnostics Test Kits</b>
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Pars Behbood Asia



Product's Name:	About the product:
<ul style="list-style-type: none"><li>• Monoglycerid Esters (CITREM (E472c), DATEM (E472a))</li><li>• Stearoyl Lactilates (CSL (E482), SSL(E481))</li><li>• Polyglycerol Esters (PGE(e475))</li><li>• Sorbitan Esters (SMS (E491)) with EMUPARS</li></ul>	These products are mainly used in bakery products and in different types of bread, cake pastries, jelly cake, meat products and dairy products formulations
<ul style="list-style-type: none"><li>• DGMS(E471)</li><li>• STS(E492)</li></ul>	Will be produced in the near future

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Paya Ghasd Daru



Product's Name:	About the product:
payapoinetin	Methoxy Polyethylen Glycol-Epoetin Beta
Pyaferon	Peginterferon alfa-2b

## Profile of the companies

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Sobhan recombinant protein



Product's Name:	About the product:	
Hepatitis B	Ready for Technology Transfer to Russia	
Meningitis	Tetavalent Meningitis vaccine ACWY is now passing the last phases of pilot production at the SOBHAN production site, using premier facilities with QA and QC systems complying to FDA and EMA standards.	The complete procedure from production until packaging is designed and operated with the collaboration of pioneer Europeans in this field and under the supervision of leading international technology owners.
Pentavalent	a combination of Diphtheria, Pertussis, Tetanus, Hepatitis B and Hib vaccines, which provide immunity towards all of these conditions with one injection.	
Influenza	After negotiations with Russia, this vaccine technology, despite its complicated production technology, is being transferred to Sobhan under the supervision of European representatives.	

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Pooyesh Darou  
Biopharmaceutical



**Pooyesh Darou**  
Biopharmaceutical Co.

Product's Name:	About the product:	
Finished products		
Pegaferon7 MCG	PEGINTERFERON alfa-sa	
pDpoetin	Erythropoietin (EPO)- A GLYCOPROTEIN HORMONE	
PDFERON-B		
PDXANE7	AN ANTITHROMBOTIC AGENT, heparin group	
PDGRASTIM	A Glycoprotein containing r-metHuG-CSF	
PDLASTA7	pegfilgrastim	
PDgrowth7	somatropin or growth hormone	
API		
GENERIC NAMECONCENTRATIONPOTENCY		
interferon alfa-2b	1-3 mg/mL	1.4 ×108 IU/mg≤
filgrastim	1-3 mg/mL	1 ×108 IU/mg≤
erythropoietin	1-3 mg/mL	1 ×105 IU/mg≤
peginterferon alfa-2a	0.5-1 mg/mL	1.4×106-1 ×106 IU/mg
pegfilgrastim	10 mg/mL	0.8 ×108 IU/mg≤
interferon alfa-2a	1-3 mg/mL	1.4 ×108 IU/mg≤
pipeline		
PIPELINEDOSAGE FORMPOTENCY		
erythropoietin	Pre-Filled syringe	20000-40000 IU
Peg-erythropoietin	Pre-Filled syringe	50-100-200 µg
Human menopausal gonadotrophin	Vial with solvent	75-150 IU
Human Chorionic gonadotrophin	Vial with solvent	1500-5000 IU
Somatropin	Vial with solvent	4 IU
streptokinase	Vial	1500000 IU
Follicle stimulating hormone	Vial with solvent	75 IU
Interferon beta-1a	Pre-filled Syringe	6 , 12 MIU
Peg-Interferon beta-1a	Pre-filled Syringe	63, 94 ,125 mcg

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Tak Gene zist



Product's Name:	About the product:
pharma	
BioDigest	A probiotic supplement for digesting health
Bio Fem	A probiotic supplement for female health
Bio Flora	A probiotic supplement for gut balance & immune system
Bio IBS	A probiotic supplement for Irritable bowl syndrome
Bio Kid	A probiotic supplement for kids health
Bio Diab	A probiotic supplement for Diabets
FOOD	



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**Pardis Health Industry Development  
co (PHIDCO)**

**PARDIS HEALTH INDUSTRY DEVELOPMENT CO**  
**PHIDCO**  
INVESTMENT HOLDING

Product's Name:	About the product:
<b>RECOMBINANT INFLUENZA VACCINE</b>	

## Profile of the companies

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#### **Tofigh Daru Research & Engineering company**



Tofighdaru Research & Engineering Company

Product's Name:	About the product:
Aripiprazole	anti-anxiety, anti-panic and anti-tremor

## Profile of the companies

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Osve Pharmaceutical Company



Product's Name:	About the product:
<b>Osvepoetin®</b>	<b>Osvepoetin® Recombinant Erythropoietin</b>

\*\* For more information about the product download the catalogue of the product from the following link:

<http://www.osvahpharma.com/UserImage/product%20list%20ALL.pdf>

## Profile of the companies

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Rasta Imen Daroo



Product's Name:	About the product:
APO- BICALUTAMIDE	Anti cancer
APO-FLUTAMIDE	
APO-HYDROXYUREA	

## Profile of the companies

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Rojan Azma



Product's Name:	About the product:																																						
<table border="1"> <tr><td>Morphine</td><td>(Mop)</td></tr> <tr><td>Marijuana</td><td>(THC)</td></tr> <tr><td>Cocaine</td><td>(COC)</td></tr> <tr><td>Methadone</td><td>(MTD)</td></tr> <tr><td>Methamphetamin</td><td>(MET)</td></tr> <tr><td>Amphetamine</td><td>(AMP)</td></tr> <tr><td>Ecstasy</td><td>(MDMA)</td></tr> <tr><td>Buprenorphine</td><td>(BUP)</td></tr> <tr><td>Tricyclic Antidepressant</td><td>(TCA)</td></tr> <tr><td>Benzodiazepines</td><td>(BZO)</td></tr> <tr><td>Tramadol</td><td>(TRL)</td></tr> <tr><td>Barbiturates</td><td>(BAR)</td></tr> <tr><td>Phencyclidine</td><td>(PCP)</td></tr> <tr><td>Multi-Drug</td><td></td></tr> <tr><td>Multi-Panel 3 parameters</td><td></td></tr> <tr><td>Multi-Panel 6 parameters</td><td></td></tr> <tr><td>Multi-Panel 10 parameters</td><td></td></tr> <tr><td>Multi-Drug</td><td></td></tr> <tr><td>Multi-Panel 3 parameters (AMP-MET-MOP)</td><td></td></tr> </table>	Morphine	(Mop)	Marijuana	(THC)	Cocaine	(COC)	Methadone	(MTD)	Methamphetamin	(MET)	Amphetamine	(AMP)	Ecstasy	(MDMA)	Buprenorphine	(BUP)	Tricyclic Antidepressant	(TCA)	Benzodiazepines	(BZO)	Tramadol	(TRL)	Barbiturates	(BAR)	Phencyclidine	(PCP)	Multi-Drug		Multi-Panel 3 parameters		Multi-Panel 6 parameters		Multi-Panel 10 parameters		Multi-Drug		Multi-Panel 3 parameters (AMP-MET-MOP)		Rapid Test (drug abuse)
Morphine	(Mop)																																						
Marijuana	(THC)																																						
Cocaine	(COC)																																						
Methadone	(MTD)																																						
Methamphetamin	(MET)																																						
Amphetamine	(AMP)																																						
Ecstasy	(MDMA)																																						
Buprenorphine	(BUP)																																						
Tricyclic Antidepressant	(TCA)																																						
Benzodiazepines	(BZO)																																						
Tramadol	(TRL)																																						
Barbiturates	(BAR)																																						
Phencyclidine	(PCP)																																						
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<b>Creatine Kinase -MB</b> <b>Troponin I      cTnI</b> <b>Myoglobin      MYO</b>		Rapid Test (cardiac Markers)
hCG (REF-R200/201/203)) LH		Rapid Test (Fertility)
Fecal Occult Blood (FOB) Prostate Specific Antigen (PSA) (REF-R304/305) Micro-Albumin		Rapid Test (Tumor Markers)

## Profile of the companies

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zist takhmir company



Product's Name:	About the product:
PediLact, KidiLact, KidiLact Zinc	Children's products
GeriLact, FamiLact, Dailyeast	Gastrointestinal products
LactoFem, LactoVag, LactoCare	Products for women

## Profile of the companies

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zist daru danesh



Product's Name:	About the product:
Ziferon	Interferon beta-1b
Tebazio	teriflunomide
Zikinaz	Streptokinase



## Profile of the companies

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Saman Daroo 8



Product's Name:	About the product:
SaFactor AF 500 I.U.	Human recombinant growth factor



## Profile of the companies

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Cyto Matin Gene Immune



Product's Name:	About the product:
CMG Antibodies	For more information about the product: <a href="http://cmg-company.com/index.php?option=com_content&amp;view=article&amp;id=75&amp;Itemid=120&amp;lang=fa-IR">http://cmg-company.com/index.php?option=com_content&amp;view=article&amp;id=75&amp;Itemid=120&amp;lang=fa-IR</a>
ELISA	For more information about the product: <a href="http://cmg-company.com/index.php?option=com_content&amp;view=article&amp;id=77&amp;Itemid=294&amp;lang=fa-IR">http://cmg-company.com/index.php?option=com_content&amp;view=article&amp;id=77&amp;Itemid=294&amp;lang=fa-IR</a>
Immunoblotting	For more information about the product: <a href="http://cmg-company.com/index.php?option=com_content&amp;view=article&amp;id=79&amp;Itemid=296&amp;lang=fa-IR">http://cmg-company.com/index.php?option=com_content&amp;view=article&amp;id=79&amp;Itemid=296&amp;lang=fa-IR</a>
Cell Culture	For more information about the product: <a href="http://cmg-company.com/index.php?option=com_content&amp;view=article&amp;id=80&amp;Itemid=348&amp;lang=fa-IR">http://cmg-company.com/index.php?option=com_content&amp;view=article&amp;id=80&amp;Itemid=348&amp;lang=fa-IR</a>

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Sinaclon BioScience



Product's Name:	About the product:
Taq DNA polymerase	
PCR & Real time Master Mix	
Quantitative Real Time PCR	
PCR Detection KIT	
cDNA Synthesis Kit	
restriction enzymes	

## Profile of the companies

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CinnaGen Co



Product's Name:	About the product:
ReciGen	Interferon $\beta$ 1 a
CinnaPoietin	Erythropoietin $\beta$
CinnoVex	Interferon $\beta$ 1 a
PegaGen®	Pegylated Filgrastim
CinnoRA®	Adalimumab
Cinnal-f®	follitropin alfa
CinnaFact®	Buserelin Acetate
CinnoTec®	Dimethyl Fumarate
CinnoPar®	Teriparatide
CinnaTropin®	Somatropin

## Profile of the companies

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NOTARKIB Co



#### Products:

Product's Name:	About the product:	Annual Production Capacity:

## Profile of the companies

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ROYAN Stem Cell Technology



Product's Name:	About the product:
cord blood banking	

\*\* For more information about the product download the brochure from the following link:

<http://www.rsct.ir/Portals/1/downloads/brochure.pdf>

Shifa Pharmed Industrial Group



Product's Name:

[penicillin.G](#)

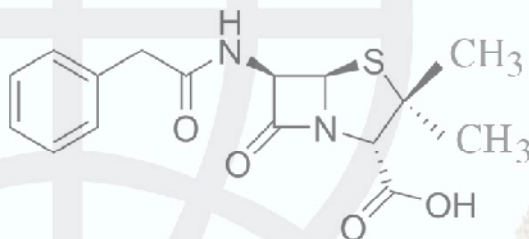
About the product:

☀  $\beta$ -Lactam antibiotics including penicillins (Amoxicillin, Ampicilline, etc) and Cephalosporins (Cephalexin, Cefixime, etc) are some of the most important and most consumed antibiotics in the world prescribed for treating types of infectious diseases.

☀ The core of all antibiotics is the primary material of Penicillin-G (Pen.G) which its mass production can be performed through biotechnology knowledge. While so many years passed from the discovery of Penicillin-G, the technical knowledge of production of this material is restricted to a few countries in the world.

☀ Penicillin-G can be produced by mass growth of improved and engineered species of *Penicillium Chrysogenum* and through long and complicated operation of fermentation and after separation of Penicillin-G molecule from the fungus culture medium.

☀ Localizing the technical knowledge of mass production of Penicillin-G and obtaining self-sufficiency for our country in producing this strategic production shall be considered as another honor for Shifa pharmed Industrial Group Company.



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#### Stem cell Technology Company



Product's Name:	About the product:
Animal Lab	
Cell Bank	For more information about the product: <a href="http://www.strc.ac.ir/fa/products/2017-01-02-10-49-09.html">http://www.strc.ac.ir/fa/products/2017-01-02-10-49-09.html</a>
Gene Bank and Micro RNA	
Hepatitis B Detection kit	Real Time PCR
Micro RNA detection Kit	BON-miR QPCR Kit For more information about the product: <a href="http://www.strc.ac.ir/media/BONmiRmanual.pdf">http://www.strc.ac.ir/media/BONmiRmanual.pdf</a>
Lab services	<ul style="list-style-type: none"><li>• Genetic engineering (cloning, PCR, Realtime PCR, SDS-PAGE, ECL, Protein Extraction, Protein Concentration Determination, DNA Extraction, RNA extraction, cDNA synthesis, Virus Packaging)</li><li>• Transgene Services</li></ul>



Molecular Biological System Transfer (MBST)



Product's Name:	About the product:
RNA Isolation Kit	The MBST RNA extraction kit provides a fast and simple method for the isolation of RNA from eukaryotic cells
DNA Extraction Kit from Stool	The MBST DNA extraction kit from Stool provides a fast and simple method for the isolation of DNA from stool
Kit for cell culture and cell analysis	For more information about the product: <a href="http://www.mbst.ir/en/products.html">http://www.mbst.ir/en/products.html</a>
PCR product purification kit	
Gel extraction kit	
Plasmid isolation kit	
DNA Extraction kit from Plant Materials	

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Tissue Regeneration cooperation



Product's Name:		About the product:
<b>Dentistry</b>		
CenoBone	Extraction socket preservation, Ridge augmentation and other periodontal, oral & maxillofacial applications.	
CenoMembrane	periodontal and oral applications for gingival soft tissue repair procedures, flap extensions over bone grafts, repair of recession defects or donor biopsy sites, GBR and GTR.	
Ceno Derm	CenoDerm is derived from skin. It is used as an effective barrier membrane that transitions into the patient's own tissue	
Ceno Cartilage	ENT and Maxillofacial applications for reconstruction of nasal septum, ear helix and any other applications where allograft cartilage is needed.	
<b>Orthopedic</b>		
CenoBone	Bone filler products are used as space filler for lost or insufficient bone tissue for tumor resectomies, traumas, bone cysts repairs, prosthetics implants augmentation etc. Also they are used in fractures and large skeletal defects repairs.	
CenoTendon	Anterior Cruciate Ligament (ACL) reconstruction, Posterior Cruciate Ligament (PCL) reconstruction, Achilles tendon repair, Reconstruction or augmentation of the rotator cuff and any other tendon soft tissue augmentation or repair	
<b>Cardiovascular</b>		
CenoValve	Allograft bio-implants for cardiac and vascular procedures. Suitable for a wide variety of complex congenital heart defects and adults with extensive valvular disease as well as for managing vascular reconstruction including aortic stenosis or atresia, hypoplastic left heart, repair of RVOTs (Right Ventricular Outflow Tract), pulmonary atresia, truncus arteriosus, Ross procedure, single ventricle/double outlet (Fontan), hypoplastic left heart (modified Fontan), tetralogy of Fallot, RVOT/ root	

## Profile of the companies

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	enlargement procedures, ASD/VSD repair, transposition of great vessels, Peripheral Vascular Disease (PVD), Infected Synthetic Graft Replacement etc.
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Razavi yeast Co.



Product's Name:	About the product:
Instant Dry Yeast	
Compressed Yeast or Fresh Yeast	

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A-Bioced Co.



Product's Name:	About the product:
SSDD®	This application is designed based on <i>in silico</i> methods to provide the placebo new compounds with every desired therapeutic properties or biological capability in addition to the optimization of existing pharmaceutical compounds.
BiiP®	IP-QC algorithm for predicting effective factors on recombinant protein production based on artificial neural networks and circular dichroism (CD)
AVIOVEN®	Medicinal herbal supplement with anticancer and metastasis suppression properties based on biotechnological methods
MIRR®	Medicinal herbal supplement with anti-diabetic and metabolism regulation properties

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Ana Gene

Ana Gene Biotech



Product's Name:	About the product:
Thrombophilia MutID kit	<ul style="list-style-type: none"><li>- Qualitative detection of most common thrombophilia mutations: FII (G20210A), FV (c.1691GA) known as FVL (factor V Leiden ), FV (A4070G) known as FVHR2, FXIII (G20210A)-(Val34Leu), MTHFR (C677T), MTHFR (A1298T), PAI-1 (5G/4G)</li></ul>
AML TransFind Kit	<ul style="list-style-type: none"><li>- Detection of the most important AML translocations</li><li>- AML1/ETO, CBFb/MYH11, MLL/AF9, MLL/AF6 and PML/RARa</li><li>- Real-time PCR TaqMan Probe Technology</li><li>- Highly Sensitive Detection Kit.</li></ul>
HSV1/2 ViruFind Kit	Detection of Herpes simplex viruses type 1 and 2 in 2 separate reactions
Tamoxifen MutID kit	Qualitative detection of FII (G20210A) and FV (c.1691GA) known as FVL (factor V Leiden )
BCR3/ BCR2/ BCR1 TransFind Kit	<ul style="list-style-type: none"><li>- Detection of PML/RARa, BCR3 breakpoint,</li><li>- Real-time PCR TaqMan Probe Technology,</li><li>- One step cDNA synthesis and Real-time PCR,</li><li>- 24 Lyophilized Ready to use BCR3/ BCR2/ BCR1 tubes,</li></ul>

\*\* For more information about the product download the brochure from the following link:

<http://www.anagenebt.com/page.aspx?PageType=101&ProductType=Offered>

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Tuba Negin Co.



Product's Name:	About the product:
Biochemistry Analyzer	Diagnostic Equipments
Flow Cytometer	
Electrophoresis & Blotting	Molecular
Real-time PCR	
Electrophoresis & Blotting	
Spectrophotometer	

Tuba Negin Co. Ltd. Is a reliable supplier of a variety of laboratory products and is trusted by many local organizations / ministries / universities/ research institutes and factories as a general contractor for delivery of complete and complex laboratory equipment and installations in the field of life sciences.



## Profile of the companies

### IRAN's Directory of Biotechnology Companies

YARAN TAJHIZE SINA



Product's Name:	About the product:
Pasto HBsAg ELISA KIT	For more information about the product: <a href="http://www.ytslab.com/en/products/iran-products/ryan-bio-products.html">http://www.ytslab.com/en/products/iran-products/ryan-bio-products.html</a>
Pasto HCV ELISA KIT	
<b>Pasto HIVI/II ELISA KIT</b>	
<b>Pasto HTLVI/II ELISA KIT</b>	
<b>Rose Bengal Antigen (Plus Positive &amp; Negative Control sera)</b>	For Brucellosis diagnosis test by rapid agglutination This Antigen contains dyed Brucella abortus cells with Rose Bengal and used for initial diagnosis of brucellosis.
<b>Simple Blood Culture Medium</b>	Various types of aerobic or facultative anaerobe pathogens can be detected by using this medium which contains Sodium Polyanithol Sulfonate (SPS) as an anticoagulant.
<b>Rabbit Coagulase Plasma</b>	Standard rabbit coagulase plasma produced in typical international method into two forms: citrated and EDTA. Not only can this plasma be used in coagulase staphylococcus test but also used in germ tube test as a suitable medium for detecting Candida Albiacans.
<b>Castaneda Medium</b>	This medium is used for isolating various types of aerobic or facultative anaerobe pathogens such as Brucella abortus which need several rich materials in medium and also have slow growth.
<b>2ME Antigen(Plus Positive &amp; Negative Control sera)</b>	This antigen is used for diagnosis of antibody (Class IgG) anti Brucella in 2ME Wright test.
<b>Vibrio Cholerae Antisera</b>	This medium is used for isolation and propagation of various types of mycobacterium especially



## Profile of the companies

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	Mycobacterium tuberculosis.
<b>Febrile Bacterial Antigens (Wright &amp; Widal Antigens) And Control Sera</b>	Febrile Bacterial Antigens are inactivated dyed suspensions of Salmonella and Brucella for use in slide and tube agglutination procedure in detection of antibodies (agglutinins) implicated in certain febrile disease states.

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parsian Biotech



Product's Name:	About the product:
GMO Detection	Lab services
Food Origin Identification	
Food Pathogens Detection	
Food Toxins Detection	
Food Heavy Metals Detection	
Halal Testing	
Food Allergen Testing	
Water Testing	Food
GM Food	

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Parto zist tajhiz





Product's Name:	About the product:
<b>Human Cord Blood Serum</b>	Cord blood is a sample of blood taken from a newborn baby's umbilical cord. It is a rich source of hematopoietic stem cells, which are precursors to blood cells. As such, they have been used to treat certain diseases of the blood and immune system.
<b>Mesenchymal Stem Cells from amniotic membrane</b>	Amniotic stem cells are the mixture of stem cells that can be obtained from the amniotic fluid as well as the amniotic membrane. They can develop into various tissue types including skin, cartilage, cardiac tissue, nerves, muscle, and bone. The cells also have potential medical applications, especially in organ regeneration.

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Ronak pharm



Product's Name:	About the product:
<b>ROFOLIN<sup>®</sup></b> <i>Calcium Folate</i> <b>100/200/30 Mg</b>	<p>This medication is used to treat or prevent serious blood cell disorders (such as thrombocytopenia, neutropenia, anemia) caused by certain drugs (folic acid antagonists such as methotrexate, trimethoprim, pyrimethamine).</p>
	<p><a href="#">Antimicrobial</a></p>
	<p>CIPROX (ciprofloxacin hydrochloride) lyophilized powder and CIPRO (ciprofloxacin) Oral Suspension are synthetic antimicrobial agents for oral administration. Ciprofloxacin hydrochloride, USP, a fluoroquinolone, is the monohydrochloride monohydrate salt of 1-cyclopropyl-6-fluoro-1, 4-dihydro-4-oxo-7-(1-piperazin yl)-3quinolinecarboxylic acid.</p>

## Profile of the companies

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<b><u>Protamine sulfate 1000</u></b>	<b>Antidote</b>
<b>Desfonak<sup>®</sup> 500 mg</b> Deferoxamine mesylate	Desfonak, deferoxamine mesylate USP, is an iron-chelating agent, available in vials for intramuscular, subcutaneous, and intravenous administration.
<b>Menotron<sup>®</sup></b> Menotropin 75 IU Human Menopausal Gonadotropin	Menotropin (also called human menopausal gonadotropin or hMG) is a hormonally active medication for the treatment of fertility disturbances.
<b>Ronal f<sup>®</sup></b> Urofollitropin 75 IU	Urofollitropin is a purified form of follicle-stimulating hormone (FSH) that is manufactured by extraction from human urine and then purified to remove various proteins and other substances.
<b>gonarex<sup>®</sup></b> Human Chorionic Gonadotropin (hCG) <b>5000 IU Human Origin</b>	Human chorionic gonadotropin (hCG) is a hormone produced by the embryo after implantation.

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Cib Biotech



Product's Name:	About the product:
Cell Proliferation Kit i (Mtt)	For more information about the product: <a href="http://cibbiotech.com/wa_files/mtt_20data_20sheet.pdf">http://cibbiotech.com/wa_files/mtt_20data_20sheet.pdf</a>
Gram Reaction Kit	For more information about the product: <a href="http://cibbiotech.com/wa_files/Broshour_20gram_20Staining_20CiB_20Biotech.pdf">http://cibbiotech.com/wa_files/Broshour_20gram_20Staining_20CiB_20Biotech.pdf</a>

## Profile of the companies

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Iranian Blood Research & Fraction Co.



Product's Name:	About the product:
<b>Anti-rabies human immunoglobulin</b>	Extracting from Iranian hyperimmune plasma, containing 150 international units anti – rabies Immunoglobulin per 1 milliliter under commercial name of “hari” manufactured by biotest company from Germany.
<b>Coagulation factor 8</b>	Extracted from Iranian plasma containing 500 international units concentrated Factor VIII per vial and produce under commercial name of “hemaketine” by biotest Company from Germany and “Berry Eight p” by CSL Behring company from Switzerland.
<b>Coagulation factor 9</b>	Extracted from Iranian plasma containing 500 international units concentrated Factor IX per vial and produce under commercial name of “Heamonine” by biotest Company from Germany and 600 international units per vial under commercial name of “Berry nine” by CSL Behring company from Switzerland.
<b>FH human albumin solution</b>	Extracted from Iranian plasma containing 20-grams plasma protein per deciliter (at least 96% albumin) VIII per vial and produce under commercial name of “Albumin 20%” by Biotest Company from Germany

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

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Product's Name:	About the product:
<b>Intravenous human immunoglobulin</b>	Extracting from Iranian plasma containing 50-gram plasma protein per 1 milliliter (IgG more than 96%) under commercial name of "interatect" by biotest company from Germany and "privigen" by CSL Behring company from Switzerland.



## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Pars Sina Yakhte



Product's Name:	About the product:
Sexed frozen of cow Embryo	For more information about the products visit: <a href="http://www.sinayakhte.com/en/category">http://www.sinayakhte.com/en/category</a>
Sexed frozen of sheep Embryo	
Sheep frozen sperm	
Frozen sexed sperm of cow (future)	

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Persian Bonyan Arya



Product's Name:	About the product:
Biolog Fe	Biolog Fe is a fertilizer with chelated iron (EDTA & Sidrophore) with excellent technology studied in order to grant the quickest and most efficient utilization by any kind of plant particularly when general deficiencies must be prevented or cured
Maize Spesific Biolog Complex	For more information about the products visit: <a href="http://www.pbar-co.com/EN/products.aspx">http://www.pbar-co.com/EN/products.aspx</a>
Biolog Microcomplex	
Beet Spesific Biolog Complex	
Wheat Spesific Biolog Complex	
Biolog Zn	Zn element is one of the micro-elements which has had an effective role in informing Indole Acetic Acid (IAA) hormone and also causes to active some enzymes including Lactic acid dehydrogenase, Carrboxypeptidase, Glutamic acid dehydrogenase and Alchole dehydrogenase.
Cucumber Spesific Biolog Complex	For more information about the products visit: <a href="http://www.pbar-co.com/EN/products.aspx">http://www.pbar-co.com/EN/products.aspx</a>
Biolog Cu	
Biolog Mn	
Melon Spesific Biolog Complex	

## Green Biotech Incorporation



Product's Name:	About the product:
AzotoBARVAR-1 (N)	The so-called <b>AzotoBARVAR-1</b> Nitrogen Biofertilizer contains live <i>Azotobacter vinelandii</i> strain O4 at $10^7$ - $10^8$ CFU per gram or ml and formulated to have a shelving life for at least six months. <i>A. vinelandii</i> is an obligate aerobic free-living gram negative soil bacterium capable of fixing <b>nitrogen</b> using three distinct nitrogenize systems active under fully aerobic conditions that typically inactivate the nitrogenize enzyme.
PhosphoBARVAR-2 (P)	<b>PhosphoBARVAR-2</b> contains two types of highly efficient <b>phosphate</b> solubilizing bacteria (PSB) that secrete organic acids and phosphatase enzymes which hydrolyze insoluble inorganic and organic phosphate compounds into soluble phosphate ion around roots.
PotaBARVAR-2 (K)	<b>PotaBARVAR-2</b> biofertilizer contains two types of <b>potassium</b> solubilizing bacteria. The bacteria hydrolyze insoluble compounds of potassium in the soil around the roots releasing the ion for optimized absorption.

**KARA INDUSTRIAL  
BIOTECHNOLOGY Co. (KIB**



Product's Name:	About the product:
Biofertilizer	Golden NitroKara – 1 Litre AminoKara NitroKara Phospho Nitro Kara NitroKara – 1 Litre Golden NitroKara Flawit
biofungicide	MetaKara TrichoKara BassioKara
Strengthening fertilizers	AminoKara – 1 Litre

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

#### Mehr Asia Biotechnology Company (MABCO)



Product's Name:	About the product:
<b>Biofertilizers</b>	
Super Nitro	special compound of Azospirillum spp. and bacillus subtilis.
Super Nitro Plus	special compound of 3 bacterium with differet effect on plant growth, soil bom diseases and nematod control.
AZOTOBACTER	A group of nitrogen fixing bacteria belong to Azospirillum and Azotobacter genera.
Rizochickpea	Pea (Cicer arietinum) is one of the important legum in the Iran and some parts of the world. This crop is cultivated in many dry an semi-dry areas, and be cause of high amount of protein in seeds, this plant needs a large amount of nitrogen. Inoculation byRhizochickpea biofertilizer with 30 kilogram as starter, will guarantees the high yield harvesting.
Nitroxin	Nitroxin-Rice, niroxin-Corn and Maize, NITROXEN General, Nitroxin-Wheat and Barley, Nitroxin-potato
RIZOCHICKPEA SUPER PLUS	Combination of three genus of bacteria in the Rhizochickpea Super Plus bio fertilizer will balance nitrogen in plant, increasing root, positive hormonal effects, phosphorus dissolving and increasing stability of inoculant.
Soybean Inoculant	Soybean is able to establish a symbiosis with nitrogen-fixing bacteria such as <i>Bradyrhizobium japonicum</i> , to

## Profile of the companies

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	provide a main portion of its nitrogen needs.
Bio Super Phosphate	Bio Super Phosphate biofertilizer is made of group of Phosphate-Solubilizing bacteria (PSB) of various genera of <i>Pseudomonas</i> and <i>Bacillus</i> .
BioSulphur	<b>This product approved for use in organic farming in accordance with regulation [EC] No 834/2007.</b>
Biomedica	Biomedica inoculants for Alfalfa is a <i>rhizobium</i> fertilizer, which besides providing the plant nitrogen need eliminating the requirement of urea chemical fertilizer, is able to improve the Alfalfa productivity, as a result of its growth promotion properties.
BIOVAM	This biological fertilizer contains different species of Arbuscular Micorrhiza of genus <i>Glomus</i> . Biovam biofertilizer by 100 percent increasing of root absorption ability and supplying plant needs to water and nutrient, retain plant crops in hard environmental stresses and limitations.
Sulphur Coated Urea	Fertilizer which is produced by the capsulization of Urea with the elements appropriate for soil such as sulphur and sealant which itself consists of some different elements. And based on its special formula. It provides the plant with the nutritional contents of urea fertilizer on a slow release basis over a 40-day output period.
Biocontrol	biosubtil, Bithiran, Bithurin
Hiumixin	Hiumixin liquid fertilizer contains Humic & Fulvic acids, macro elements (N,P,K) and micro elements (Cu, Mn, Fe). Humic and Fulvic acids have been extracted from Leonardite mines. The Humix can be used for all crops (cereal, maize, sugarcane ...), vegetables, greenhouse products, fruit trees and bushes. This product can improve soil structure and then the penetration of soil will be improved
NPK	NPK-K ( <b>High Potassium</b> ), NPK-N (Nitrogen), NPK-P (High Phosphorus), NPK-20 (NPK Fertilizer)
Organic Biofertilizers	Super Agro Plus, OrganoSulphin, Organo Plus, Organic fertilizer Urea

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

#### RANA AGRO INDUSTRY CORP



Product's Name:	About the product:
Date Palm	RANA utilizes the Direct Somatic Embryogenesis (DSE) tissue culture technology for the micropropagation of its date palms. DSE has been scientifically proven to produce uniform plants with minimum levels of somaclonal variation as compared to other micropropagation methods.
Walnut	Under license from TIELVE ALTERNATIVAS (Spain), RANA is currently utilising TIELVE's organogenesis technique to mass-produce elite self-rooting walnut varieties for the first time in Iran.

RANA first began its activities through the establishment of a Joint Venture Company with the former International Plant Laboratories (IPL) of the United Kingdom, which facilitated the transfer of date palm tissue culture technology through IPL's subsidiary company, Date Palm Developments Ltd. In 1996, the transferred date palm tissue culture technology was certified by IPL. RANA subsequently acquired 100% ownership of the technology and has been producing high quality tissue cultured date palms and other plant varieties for over 15 years. With a capacity to produce up to 450,000 tissue cultured date palms (or six million other plant varieties) annually, RANA is considered as one of the largest tissue culture facilities of its kind in the World.

## Profile of the companies

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### IRAN's Directory of Biotechnology Companies

In 2009, RANA successfully transferred self-rooting walnut tissue culture technology to Iran through the establishment of a licensing agreement with TIELVE Alternativas S.L of Spain and has been applying the technology to mass-produce high quality foreign and indigenous walnut varieties.



## Profile of the companies

### IRAN's Directory of Biotechnology Companies

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**Marsus Com**



Product's Name:	About the product:
<b>Greenhouse</b>	For more information please visit: <a href="http://marsus.ir/en/index.htm">http://marsus.ir/en/index.htm</a>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies


#### Goharbar Farm & Nursery



Product's Name:	About the product:
Complement your garden	For more information please visit: <a href="http://goharbar.com/en/">http://goharbar.com/en/</a>
Comprehensive landscaping services	
Planting advice	
Farm Business Consultancy	





**Bahar Avaran Gorgan.CO**



Product's Name:	About the product:
<a href="http://Trichogramma.sp">Trichogramma.sp</a>	 <p data-bbox="469 816 958 848">Cotton bollworm (<i>Helicoverpa armigera</i>)</p>

## Profile of the companies

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<a href="#"><u><i>Habrobracon</i></u></a>		
	Cotton bollworm ( <i>Helicoverpa armigera</i> )	
<a href="#"><u><i>Criptolaemus</i></u></a>		
<a href="#"><u>egg <i>Sitotroga cerealella</i></u></a>		
<a href="#"><u>egg <i>Ephestia kuhniella</i></u></a>		

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Middle East Bio-Researchers



Product's Name:	About the product:
<b>Bio-Research Equipments</b>	<b>BTX Electroporation Systems</b> For more information about the products visit: <a href="http://mebioresearchers.com/Home/BioResearchEquipmentE.html">http://mebioresearchers.com/Home/BioResearchEquipmentE.html</a>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Parsian Phermone Biotechnology



**Knowledge Base Parsian**

**Pheromone Biotechnology**

Product's Name:	About the product:
Kerma_kill	Kerma_kill is a formulation that combines an attractive synthetic sex pheromone and an insecticide at very low quantities.
Tanglefood glue	Tanglefood glue for delta trap coating
Synanthedon tipuliformis (Currant Clearwing Moth))	Agriculture
Tuta absoluta	
Batrachedra amydraula (lesser date moth)	

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Zanjan Chemical Company



Product's Name:	About the product:
Nitrachine	Nitrachine consists of a combination of bacteria isolated from soils in Iran and are the most effective nitrogen fixers. Nitrachine Biofertilizer contains three species which can solubilize phosphorus, and secrete various kinds of growth hormones, natural enzymes, various kinds of antibiotics and compounds such as sydropores and volatile gases causing root proliferation and shoot growth resistant to disease agents and nematode infestations.
Thiobacillus Biofertilizer	thiobacillus biofertilizer consist of the most effective sulfur oxidizing bacteria which have been isolated from soils of Iran and purified. Thiobacillus biofertilizer oxidizes elemental sulfur in the shortest time and in large quantities.
Golden biophosphate	Golden biophosphate is an organic phosphorus fertilizer which under proper conditions is as effective as triple super phosphate capable of meeting plants demand for phosphorus.
Biosulfur	This fertilizer is marketed in double layer bags that contains 25 kg of the material (where 90% of granules measure 2 to 4 millimeter) and is sold along with 500 gr packages of thiobacillus inoculum which oxidize sulfur to produce sulfuric acid.
Sabz Varan(Organic fertilizer)	This fertilizer due to its composition and proper level of acidity and sufficient amount of organic matter is a good amendment for the root zone making it easy for plants to

## Profile of the companies

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	absorb their required nutrients.
Phosphatin(phosphate solubilizing bio-fertilizer)	Phosphorus is a major nutrient for plants inducing vigorous growth and also contributing to their disease resistance. Phosphorous helps in root formation and plant growth.
BioRhiz	Rhizobium sp. is the symbiotic nitrogen fixer which assimilates atmospheric nitrogen and fixes in the root nodule, formed in the roots of leguminous plants.
Subtilis Biofungicide	Chemical treatments are not always effective in controlling these agents Subtilis Biofungicide Bacillus Subtilis being the most important among the known antagonist that controls disease producing fungi




## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Haamoon



Product's Name:	About the product:
Faraz Green Greenhouses	
Danje Seeds	Cucumber, tomato, eggplant, melon, watermelon For more information about the products visit: <a href="http://www.haamoon.com/En/products/danje-seeds">http://www.haamoon.com/En/products/danje-seeds</a>
Faraz Green Watering Booms	Reduction in the costs and increase in efficiency of water consumption, manpower, and electricity with using monotonic watering in customizable distance and time intervals with single and triple phase electric power. For more information about the products visit: <a href="http://www.haamoon.com/En/products/farazgreen-booms">http://www.haamoon.com/En/products/farazgreen-booms</a>

## Dr. Rastegar Biotechnology Center



Product's Name:	About the product:
Products of stone fruit and pome fruit rootstock	For more information please visit: <a href="http://www.rastegarbiotech.com/fa/page.php?rid=22">http://www.rastegarbiotech.com/fa/page.php?rid=22</a>
ornamental flowers product	
Medicinal Plants Products	
Grap	
Pistachios	
Walnut	
Palm	

**Nature Bio Technology Company**



Product's Name:	About the product:
<b>Biological Larvacide</b>	
The logo for bioFlash, with "bio" in blue and "Flash" in a lighter blue, followed by a small blue flame-like icon.	Bioflash is slow releasing granular formulation of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> (strain MH14) which is used for controlling the larvae of <i>Anopheles</i> , <i>Aedes</i> and <i>Culex</i> mosquitos which are the vector of diseases such as Malaria, Zika Fever, Dengue Fever, and Yellow Fever.

## Profile of the companies

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<b>Biological Pesticide</b>	
Biolep	<i>Biopesticide especially for butterflies and moths</i>
Biobeet	<i>The biological pesticide for controlling the harmful agricultural Beetle Larvae</i>
<b>Biological Fertilizers</b>	
Biosoy	<i>Biological fertilizer specifically for soya (soybean inoculant)</i>
Biofarm (for Horticulture)	<i>Biological fertilizer specifically for Horticulture</i>
Roshdafza (Growth Enhancer)	<i>Biological growth enhancer fertilizer (for spraying purpose)</i>
Phosphate Beh Roshd	<i>Phosphate Beh Roshd Biological Fertilizer</i>
Biofarm (for Farming)	<i>Biological fertilizer Plant Growth Enhancer</i>
Biophosphate Triple	<i>Biophosphate Triple Fertilizer. Biological fertilizer especially for agriculture and horticulture products (Granular Phosphate)</i>
<b>Probiotics</b>	
Animal Probiotics	<u>HYPRO-ZYME</u> , <u>HYPRO-TECT</u> , <u>HYPRO-COW</u> , <u>HYPRO-CALVES</u> , <u>HYPRO-QUINE</u> , <u>HYPRO-FISH</u> , <u>HYPRO-GYENE</u>
Plant probiotics	Pistaguard Probiotic: a new plant probiotic product with protective and nutritional effects that promotes the growth and liveliness of pistachio trees. Besides improving the functionality of pistachio trees, it can

## Profile of the companies

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	protect the trees against some biotic (plant pests and diseases) and abiotic stresses. Pistaguard is produced from some plant associated microorganisms that naturally occur in widely separated geographic areas
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For more information about the products please visit:

<http://biorun.ir/En/products.aspx>

Biological Fertilizers	Biological Pesticides
<b>Biosoy</b> 	<b>Biolep</b> 
<b>Biofarm</b> 	<b>Biobeet</b> 
<b>RoshdAfza</b> 	<b>Fusagoal</b> 
<b>Phosphate BehRoshd</b> 	
Nature Bio Technology Company	Nature Bio Technology Company

The University spin-off Clean Engineering Solutions Company (UCESCO)

## Profile of the companies

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Product's Name:	About the product:
<div>MEMBRANE</div> <div>SAND FILTER</div> <div>REVERSE OSMOSIS MEMBRANE</div> <div>AERATION DIFFUSERS</div> <div>MEMBRANE BIOREACTOR</div> <div>GREEN PRODUCTS</div> <div>PACKAGED WATER AND WASTEWATER TREATMENT PLANT</div>	For more information please visit: <a href="http://ucesco.ir/en/products">http://ucesco.ir/en/products</a>
The services of designing and implementing systems and technologies for desalination	

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

#### Nilfam Engineering Co.



Product's Name:			About the product:
	Package Sewage Treatment		For more information please visit: <a href="http://www.nilfam-co.com/home-en/">http://www.nilfam-co.com/home-en/</a>
	Active carbon filter		
	Reverse Osmosis		
	Acne - Media Fix		
	Gate		

## Profile of the companies

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	Paul sludge remover		Sand filter	
	Diffusers		Acne - Media Suspended	
	Surface Aerator		Dirt stuck	
	Softener		pomp	
	Septic tanks			



## Qeshm Micro Algae Biofinery



Product's Name:	About the product:
Baya® Biofuel (Green Crude Oil, Bio Diesel , Bio Jet)	using naturally sourced strain of algae isolated from Persian Gulf, the production plant does not undertake research on genetically modified strains of algae species biofuels production. There are several approaches for this process, including the conversion of lipids to FAME biodiesel via transesterification ,or the conversion of lipids to n-alkanes through either thermocracking or catalytic hydrotreating. FAME Biodiesel generally consists of long chain alkyl esters while conventional diesel consists of a mixture of alkanes, naphthenes, and aromatics.
Algaeing®	producing marine microalgae based raw materials by using naturally sourced strains isolated from the Persian Gulf.
Cosmeceutical (Anti Cellulite actives, Skin care actives, Sun protection agents, Hair care actives)	The use of some microalgal species, especially Arthrospira and Chlorella, is well established in the skin care market Their extracts are found in e.g. anti-aging cream, refreshing or regenerating care products, emollient and as an anti-irritant in peelers and also in sun protection and hair care products.
Food & Feed (Food additive, Feed additive, Aqua feed)	A wide variety of algae and algal products have shown medical or nutritional applications.
Pharmaceutical and Nutraceutical compounds	<ul style="list-style-type: none"> <li>• Therapeutic protein</li> <li>• Beta carotene</li> <li>• Omega 3</li> <li>• Hydro Colloids</li> </ul>

## Pars Ab Fanavaran



Product's Name:	About the product:
<b>Electroplating / Electrostatic waste water treatment</b>	design and construction for packages for heavy metal (like chrome, Nickel, Zink, Copper, Aluminum, Iron and Cyanide) removal from any waste water effluent.
<b>Biofilter for odor control of waste water treatment plant</b>	Biofilters are considered to be a "green" approach to odor control. this Biofilter is made as package and can be located near to odor effluent and needs less space. Biofilter package operated with high efficiency and pH, humidity and level is controlled automatically.
<b>Domestic and restaurant waste water treatment packages</b>	packaged solutions for restaurant, domestic and commercial sewage treatment plants. Our sewage treatment packages is constructed in different sizes depending on request and generally divided to four scales as follows: <ol style="list-style-type: none"> <li>1. Small Sewage Treatment Plants (1-20 people)</li> <li>2. Medium Sewage Treatment Plants (20-100 people)</li> <li>3. Large Sewage Treatment Plants (100-200 people)</li> <li>4. Extra Large Sewage Treatment Plants (200+ people)</li> </ol>
<b>Engineering activities</b>	offer the activities in biotechnology and environmental technology field. For more information please visit: <a href="http://www.parsabfanavaran.com/en/products.php">http://www.parsabfanavaran.com/en/products.php</a>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

**BSM Co.**



Product's Name:	About the product:
<b>Lab &amp; Analytical Equipment</b>	<ul style="list-style-type: none"><li>• Universities &amp; Research Centers</li><li>• Pharmaceutical and Food Industries ,Sugar and Sugar Cane companies</li><li>• Automotive ,Tire ,Rubber and Polymer Industries</li><li>• Water&amp; Waste Water Industries ,Aerology and Environment Industries</li><li>• Oil, Gas and Petrochemical Industries</li></ul>

## Zagros Green Fuel Development Co.



Product's Name:	About the product:
<b>Bio Ethanol</b>	<p>Quality characteristics of this product conform to American (ASTM: American Society for Testing and Materials) and European (EN) standards and completely covers the desired specifications -in order to blend in ratio of 5 percent with consuming petrol in the country- by National Iranian Oil Refining and Distribution Company (NIORDC). This product - after manufacturing- will be provided to refineries and country's oil Distribution Companies or will be exported to neighboring countries.</p> <p>For more information please visit:  <a href="http://www.zagrosgreenfuel.com/en/Contents/Details/17">http://www.zagrosgreenfuel.com/en/Contents/Details/17</a> </p>
<b>DDGS (DRIED Distillers Grain with Soluble)</b>	<p>Quality and analysis of DDGS depends on type and specification of grain (mixture of grains) and also equipment's quality and the process of producing and drying.</p> <p>For more information please visit:  <a href="http://www.zagrosgreenfuel.com/en/Contents/Details/18">http://www.zagrosgreenfuel.com/en/Contents/Details/18</a> </p>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies


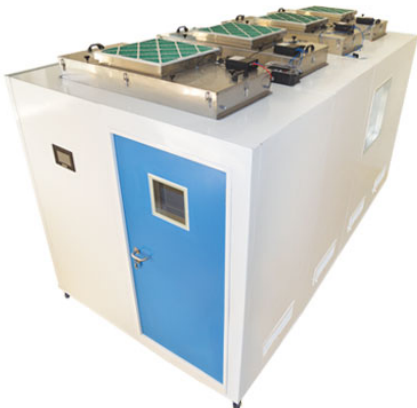

#### **Zist Royesh co.**



Product's Name:	About the product:
microbiological culture media	To download the catalogue of the products please go to the link below: <a href="http://zistroyesh.com/images/catalog.pdf">http://zistroyesh.com/images/catalog.pdf</a>
reagents and solutions for the diagnosis of bacteria	
parasitological slides	
Zist Royesh refrigerated centrifuges	

**Dorsa tech (Laboratory equipments and scientific Glasswares)**

**DORSA<sub>tech</sub>**  
Laboratory Equipments & Scientific Glasswares

Product's Name:	About the product:
Rapid Cleanroom	
Portable Cleanroom	<div></div>

## Profile of the companies

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#### Portable Pilot Reactor



#### Spray dryer

**DORSAtech**  
Laboratory Equipments & Scientific Glasswares

#### SPRAY DRYING APPLICATIONS



For more information about the product download the catalogue of the product from the following link:

<http://www.dorsatech.ir/en/product.html>

## Profile of the companies

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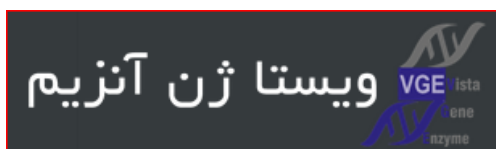
Fanavaran Pishrafteh Jahan



Product's Name:	About the product:
Gas-chromatography	-
Climatic-Chambers-and-Controlled-EnviromenT-Room	<ul style="list-style-type: none"><li>✓ Stability-and-Photostability-Chamber</li><li>✓ Plant-Growth-Chambers-Conteolled-Inviroments-Rooms (for more information about the product please visit: <a href="http://fpjco.com/en/Product/3681/FitoClima-600-PDH.html">http://fpjco.com/en/Product/3681/FitoClima-600-PDH.html</a> )</li><li>✓ Inviromentl-Testing-Chambers</li></ul>



## Vista Gene Enzyme



Product's Name:	About the product:
Biocatalyst	
Molecular Buffers	<ul style="list-style-type: none"> <li>✓ PBS Buffer</li> <li>✓ PCR-grade Water</li> <li>✓ TAE Buffer</li> <li>✓ TBE Buffer</li> <li>✓ Tris-EDTA Buffer</li> <li>✓ Tris-Glycine Buffer</li> <li>✓ Tris-HCl Buffer</li> <li>✓ TCA Buffer</li> <li>✓ SDS PAGE Buffers</li> <li>✓ Potassium Chlorid Solution</li> <li>✓ Potassium Acetate Solution</li> <li>✓ Sodium Chloride Solution</li> <li>✓ Sodium Acetate Solution</li> <li>✓ Magnesium Sulfate Solution</li> <li>✓ Imidazole Buffer</li> <li>✓ DTT Solution</li> <li>✓ EDTA Solution</li> <li>✓ Ammonium Acetate Solution</li> <li>✓ Hepes Buffer</li> </ul>
Services	<ul style="list-style-type: none"> <li>✓ Oligonucleotide/ Peptide/ Gene Senetiz</li> <li>✓ Sequencing</li> </ul>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Product's Name:	About the product:
<ul style="list-style-type: none"><li>✓ INCUBATOR</li><li>✓ HOT&amp;COLD INCUBATA</li><li>✓ NCUBATOR SHAKER</li><li>✓ NCUBATOR SHAKER FOR PLATELET</li><li>✓ ORBITAL SHAKER</li><li>✓ HORIZONTAL SHAKER</li><li>✓ VORTEX</li><li>✓ ROCKING SHAKER</li><li>✓ CIRCULATOR</li><li>✓ POWER SUPPLY</li><li>✓ ELECTROPHORESIS</li><li>✓ OVEN</li><li>✓ WATER BATH</li><li>✓ LEGGED MIXER</li><li>✓ MICROTUBE SPINNER</li><li>✓ GERMINATOR</li><li>✓ VISCOWATER</li></ul>	<p>For more information about the products please visit: <a href="http://fsa-co.com/products.html">http://fsa-co.com/products.html</a></p>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

LABTRON Co.



Product's Name:	About the product:
Digital Centrifuge	
Digital Centrifuge, 28 Place Rotor (4*7)	
Digital Tissue Floating-out Bath	

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Elisa Shaker	 A white and grey laboratory shaker with a digital display and control buttons on the front. It has three green microplate racks mounted on top.
Universal Centrifuge, 4x4 place buckets	 A green universal centrifuge with its lid open, showing four yellow buckets inside. A separate green bucket with yellow inserts is shown to the left.
Microbiological Incubator 37° C, 70 liters	 A white microbiological incubator with a teal-colored control panel on the left side, featuring a digital display and buttons.

For more information about the product download the catalogue of the product from the following link:

[http://www.labtronco.com/Categories.aspx?Category\\_Code=1](http://www.labtronco.com/Categories.aspx?Category_Code=1)

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

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Teif Gostar Faraz Co. Ltd.

**Teif Gostar Faraz Co. Ltd.**

Product's Name:	About the product:
Natural Gas analyze using Packed Column by FID and TCD	For more information about the product please visit: <a href="http://www.irangc.com/GC_Doc/NGA_Graph_91.pdf">http://www.irangc.com/GC_Doc/NGA_Graph_91.pdf</a>

**TEB GOSTARAN HAYAN  
IRANIAN**

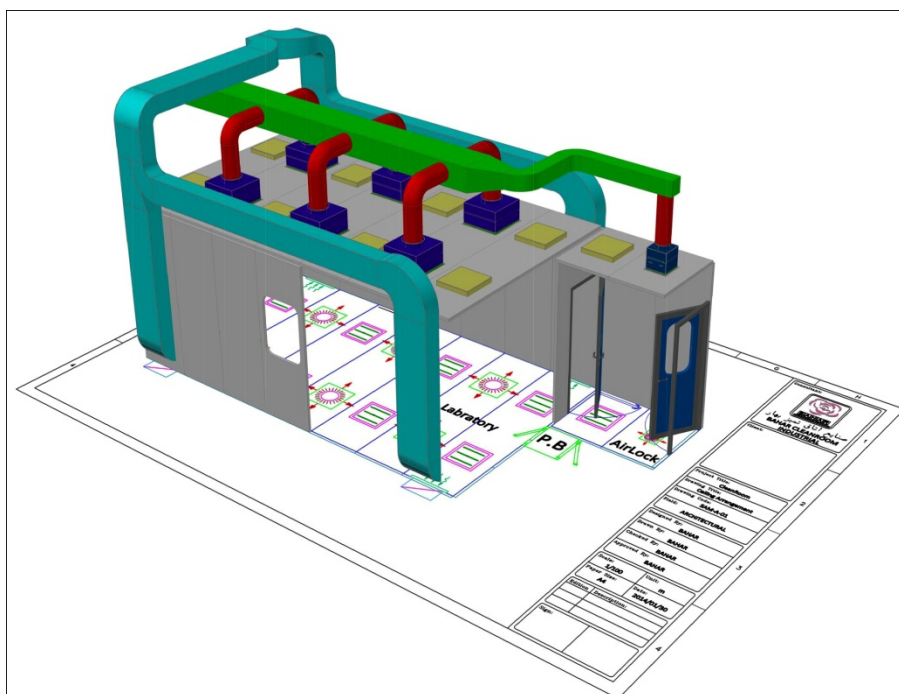


Product's Name:	About the product:
Biochemical Products	<ul style="list-style-type: none"><li>✓ Clinical Chemistry Reagents</li><li>✓ Controls &amp; Calibrators</li><li>✓ Aqueous Standards</li></ul> For more information about the product please visit: <a href="http://www.hayangroup.com/clinical-chemistry-reagents-en/">http://www.hayangroup.com/clinical-chemistry-reagents-en/</a>
Hematology Products	Haematology Reagents For more information about the product please visit: <a href="http://www.hayangroup.com/haematology-reagents-en/">http://www.hayangroup.com/haematology-reagents-en/</a>
Plasma Derived Products	<ul style="list-style-type: none"><li>✓ Human Albumin Solution</li><li>✓ Human Intravenous Immunoglobulin</li><li>✓ Human Coagulation Factor IX</li><li>✓ Human Factor VIII</li></ul>

## Bahar Cleanroom Ind.



more than two decades of activity in different industries, particularly in pharmaceutical industry, at such levels as technical management, designing, manufacturing and optimization, repair and maintenance of pharmaceutical spaces, and in particular Cleanroom special for pharmaceutical industry and other relevant industries such as filter industry, production of different types of dust collectors, vacuum systems and central dust collectors etc.



**biological tissue cells (green)**



Product's Name:	About the product:
(MEF)Mouse (NMRI) Embryonic Fibroblast	<p>For more information about the product please visit:  <a href="http://www.sabzbiomedicals.com/en/main-menu/research-products?order=title&amp;sort=asc">http://www.sabzbiomedicals.com/en/main-menu/research-products?order=title&amp;sort=asc</a> </p>
Bioactive Glass Nanopowder	
Human Bone Marrow derived Mesenchymal Stem Cells	
Human Placental Mesenchymal Stem Cells	
Human Unrestricted Somatic Stem Cells	
Mouse (BALB/c) Adipose-Derived Mesenchymal Stem Cells	
Mouse (BALB/c) Bone Marrow derived Mesenchymal Stem Cells	
Mouse (C57BL/6) Adipose-Derived Mesenchymal Stem Cells	
Mouse (C57BL/6) Bone Marrow derived Mesenchymal Stem Cells	
Polycaprolactone (PCL) Electrospun Nanofiber scaffold	



## Zist Faravard Pars



Product's Name:	category
Auto – Immune IFA Kits	<b>Diagnostics kits</b>
Infectious Elisa Kits	
Infectious IFA Kits	
Infectious Latex Agglutination Kits	
Staining Kits	<b>Microbiology</b>
DNA Prep Kits	<b>Molecular Biology</b>
DNA Size Markers	
DNA Staining	
DNTPS	
Molecular Biology Enzymes	
PCR Enzymes	
PCR Pre-Mix	
Real Time PCR	
RNA Prep Kits	
Sequencing Related Reagents	
Transfection Reagents	
Diagnostic Materials	<b>Others</b>

For more information about the product download the catalogue of the product from the following link:

[http://www.zfpars.com/zfp\\_products.php](http://www.zfpars.com/zfp_products.php)

## Pars Tous Biotechnology



Product's Name:	category
<ul style="list-style-type: none"> <li>• Phusion 2X Premix (Low error)</li> <li>• Taq 2X PreMix</li> <li>• dNTP</li> <li>• Taq DNA Polymerase</li> <li>• Pfu DNA polymerase</li> <li>• Hot Start-Taq DNA Polymerase</li> </ul>	<b>PCR Reaction from A to Z</b>
<ul style="list-style-type: none"> <li>• RNAsfix solution</li> <li>• Total RNA Extraction Kit</li> <li>• Easy cDNA Synthesis Kit</li> <li>• SYBR Green 2X MasterMix</li> </ul>	<b>Quantitative RT-PCR from A to Z</b>
<ul style="list-style-type: none"> <li>• DNA Green Viewer: Safe DNA dye</li> <li>• 10X TBE and 50X TAE</li> <li>• Loading dyes</li> <li>• Agarose</li> <li>• 100 bp Ladder</li> </ul>	<b>DNA electrophoresis</b>
<ul style="list-style-type: none"> <li>• LMW Protein Marker</li> <li>• BCA Protein Quantification Kit</li> <li>• Chemiluminescence Substrate</li> <li>• Ni-IDA resin</li> </ul>	<b>Protein</b>

For more information about the product download the catalogue of the product from the following link:

<http://www.parstous.com/>

**Pars Gene Co. Ltd.**



Product's Name:	About the product:
HANABI Metaphase Chromosome Harvester	the first systems to fully automate the multi-step process of preparing and harvesting metaphase cells derived from blood and bone marrow cell cultures and from other cell suspension cultures for cytogenetic analyzes. For more information about the product please visit: <a href="http://parsgene.com/en/product/hanabi-metaphase-chromosome-harvester/">http://parsgene.com/en/product/hanabi-metaphase-chromosome-harvester/</a>
HANABI Automated Spreaders	The HANABI-PIV and PV Metaphase Auto-Spreaders are automated instruments that provide optimized environmental conditions for the preparation of metaphase chromosome spreads. The HANABI-PIV automatically processes up to 48 samples and prepares up to 96 slides per run.
Tissue Micro Array or TMA	ISENET is a Biotechnology and Bio-Engineering SME, which operates in the area of Knowledge Management and Engineering Services with the following missions: Develop advanced automated instrumentation for Research in particular in the area of Tissue Microarray Pathology applications. Offer advanced quality control services in the area of Stem Cell Banking including iPS cells for Pharma use. Offer Biobanking consultancy at International level.
Applied Spectral	ASI offers advanced end-to-end automated solutions for

## Profile of the companies

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### IRAN's Directory of Biotechnology Companies

Imaging	the detection, capture and analysis of regions of interest driving greater efficiencies and increasing throughput and employee productivity, compared to other existing technologies.ASI's products range from interactive digitalization and imaging analysis systems to fully automated solutions, supporting fluorescent, brightfield and spectral image-acquisition, for karyotyping,
Extra Gene	ExtraGene produce plastic-ware and instruments that most commonly used in laboratory included Pipette tips / microcentrifuge tubes / centrifuge tube / PCR tubes / PCR Plate / ELISA plate / Pipettors / Minicentrifuge / PCR machine etc.

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

#### Kiagen





category	Product's Name:
KIAGEN Extraction Kits	<b>DNA &amp; RNA preparation</b> (Versatile Tools for Nucleic Acid Purification)  For more information about the product please visit: <a href="http://www.kiagen-biotech.com/en/pages/227">http://www.kiagen-biotech.com/en/pages/227</a>
Diagnostic Kits	Hepatitis B virus (HBV) Hepatitis A virus (HAV) Hepatitis Ñ virus (HCV) Hepatitis D virus (HDV) Hepatitis G virus (HGV) Genotyping human hepatitis C virus (HCV)  For more information about the product please visit: <a href="http://www.kiagen-biotech.com/en/pages/3">http://www.kiagen-biotech.com/en/pages/3</a>
<b>GATC Biotech</b>	GATC Biotech is Europe's leading service provider of DNA sequencing and bioinformatics for industry and academic research. For two decades the company has been developing comprehensive solutions for DNA sequence analysis for single samples up to whole genome, transcriptome and metagenome projects.

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

**Did Sabz**



Product's Name:	About the product:
Tissue Processor model 2080/H	
Tissue Float model DS 9008	

To download the product's brochure please visit the link below:

<http://www.didsabz-co.com/download.html>

**Padtan Elm**



Product's Name:	About the product:
<b>FERTILITY KITS</b>	
<i>βHCG</i> EIA Diagnostic Kit	Quantitative determination of βHCG levels in human serum and plasma.
βHCG Rapid EIA Diagnostic Kit	Quantitative determination of βHCG levels in human serum and plasma.
LH EIA Diagnostic Kit	Quantitative determination of LH levels in human serum and plasma.
FSH EIA Diagnostic Kit	Quantitative determination of FSH levels in human serum and plasma.
Prolactin EIA Diagnostic Kit	Quantitative determination of Prolactin levels in human serum and plasma.
<b>THYROID KITS</b>	
TSH EIA Diagnostic Kit	Quantitative determination of TSH levels in human serum and plasma.
T3 EIA Diagnostic Kit	Quantitative determination of T3 levels in human serum and plasma.
T4 EIA Diagnostic Kit	Quantitative determination of T4 levels in human serum and plasma.
Free T3 EIA Diagnostic Kit	Quantitative determination of free T3 levels in human serum and plasma.
Free T4 EIA Diagnostic Kit	Quantitative determination of Free-T4 levels in human serum and plasma.
<b>TUMOR MARKER KITS</b>	
AFP EIA Diagnostic Kit	Quantitative determination of □AFP levels in human serum and plasma.
CEA EIA Diagnostic Kit	Quantitative determination of □CEA levels in human serum and plasma.
PSA EIA Diagnostic Kit	Quantitative determination of PSA levels in human serum and plasma.

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Free PSA EIA Diagnostic Kit	Quantitative determination of Free PSA levels in human serum and plasma.
□β2 Microglobulin EIA Diagnostic Kit	Quantitative determination of □β2 Microglobulin levels in human serum and plasma.
CA-125 EIA Diagnostic Kit	Quantitative determination of CA-125 levels in human serum and plasma.
<b>INFECTIOUS DISEASE KITS</b>	
H-pylori IgA EIA Diagnostic Kit	The semi-quantitative detection of IgA antibodies to Helicobacter Pylori in human serum and plasma.
H-pylori IgG EIA Diagnostic Kit	Quantitative determination of □H-pylori IgG levels in human serum and plasma.
H-pylori IgA/IgG EIA Diagnostic Kit	Quantitative determination of □ IgA/IgG levels in human serum and plasma.
H-pylori IgM EIA Diagnostic Kit	Quantitative determination of □H-pylori IgM levels in human serum and plasma.
<b>MISCELLANEOUS KITS</b>	
Ferritin EIA Diagnostic Kit	Quantitative determination of □Ferritin levels in human serum and plasma.
IgE	Quantitative determination of □IgE levels in human serum and plasma.
GH	Quantitative determination of GH levels in human serum and plasma.
Microalbumin	Quantitative determination of Albumin levels in human urine.
<b>NEONATAL SCREENING KITS</b>	
Neonatal TSH Colorimetric Enzymatic Kit	Quantitative determination of □TSH levels in human dried blood spot.
Neonatal PKU Colorimetric Enzymatic Kit	Quantitative determination of □Phenylalanine levels in human dried blood spot.
Neonatal G6PD Colorimetric Enzymatic Kit	Semi quantitative determination of □G6PD levels in human dried blood spot.

To find out more about the products visit the site below:

<http://www.padtan.com/Default.aspx?PageName=ProductsList&CatId=0&Lang=en>



## Profile of the companies

### IRAN's Directory of Biotechnology Companies

#### AmitisGen



Product's Name:	About the product:
Medical Equipment/Diagnostics products	For more information about the product please visit:  <a href="http://www.amitisgen.com/ENIndex/Home#about">http://www.amitisgen.com/ENIndex/Home#about</a>
Biotechnology and Bioinformatics	

AmitisGen Med TECH Group is a science based company approved by Iran presidential office and established in 2001 as a holding company with some sister companies all focusing in the field of medicine and high technologies. A group of dominant scientists have been working as a team to develop science and high technologies. Regarding the group policy of network jobs, various departments are working independently, but as a part of a network, departments of Clinical Laboratory, Pharmaceutical and Supplements, Health and Beauty, Personalized Medicine and Specialized Services, Biotechnology and Bioinformatics, and High Technologies. AmitisGen Med TECH Group is working as a manufacturer and distributor of Molecular reagent and kits for medical and research laboratories. AmitisGen Med TECH Group is a member of Iran export lobby.

## Profile of the companies

### IRAN's Directory of Biotechnology Companies



#### Noor Sanat Co.



Product's Name:	About the product:
Germinator	Germinator 300/ 600
Growth Chamber walking	<a href="#"><u>Plant growth chamber</u></a> <a href="#"><u>Tissue cultre growth chamber</u></a>
Herbal tissue culture phytotron	Phytotron 1300/ 1600
Bio safety cabinet	Bio safety cabinet class 1/ 2 <a href="#"><u>Bio safty cabinet fume hood</u></a>
Incubator	✓ Refrigerator Incubator Shaker ✓ Typical shaker Incubator ✓ Refrigerator Incubator ✓ Typical Incubator
Autoclave	Autoclave 25/ 55/ 75



## Aroko Bioengineering Co.



Product's Name:	About the product:
Filtration systems	 <p>Aroko Bioengineering Co. designs filtration system offerings include the Microfiltration (MF), Ultrafiltration (UF) which can efficiently handle separation of solutions containing biomolecules, or particles such as viruses, bacteria or cellular material.</p>
Bioreactor	 <p>Aroko Bioengineering Co. Cleaning-in-Place (CIP) systems are designed for automatic cleaning ensuring minimal use of water and time.</p>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

CIP/SIP	 <p>Aroko Bioengineering manufactures stainless steel pilot scale to production scale Fermentors which are suitable for cultivation of microbial culture &amp; bacterial derived protein.</p>
Fermentor	 <p>Aroko Bioengineering Co. manufactures stainless steel pilot scale to production scale Bioreactors which are customized as per the process needs suitable for cultivation of animal cell culture.</p>

To find out more about the products visit the site below:

<http://www.arokobioeng.com/#>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Soren Tech Toos Co.




Product's Name:	About the product:
ProX ( Dietary Supplement)	ProX is produced from propolis with new formula in the world for the best effect for its active compounds.
Yeast extract	is made from autolyzed yeast. Most of enzymes plus additional enzymes enzymes can hydrolyzed the most of proteins and carbohydrates in the yeast cell into lower molecular weight and smaller components and disintegrate the cell wall so that the content dissolves out of the cell.
Yeasttoos ( Yeast extract Tablet)	Yeast extract tablet contain whole enzyme autolyzed yeast which is with natural source of B Group vitamins, most essential amino acids, minerals and trace elements.
Yeast Extract Mix ( Poultry food supplement)	

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Enison



Product's Name:	About the product:
<b><u>One Steps tests</u></b>	<p>Rapid test for determination of Methamphetamine in urine</p> 
<b><u>Serological Kits</u></b>	
<b>RF</b>	Rapid latex test for qualitative and semiquantitative determination of Rheumatoid factor in serum by agglutination of latex particles on slide.
<b>CRP ( C-reactive protein)</b>	Rapid latex test for qualitative & semiquantitative determination of C-reactive protein in serum by agglutination of latex particles on slide read more
<b>VDRL</b>	Rapid test for qualitative determination of reagins in CSF and serum by flocculation of antigen on slide.
<b>RPR (Rapid Plasma Reagin)</b>	Rapid test for qualitative & semiquantitative determination of reagins in serum by flocculation of charcoal particles on slide.
<b>ASO Buffer</b>	Powdered buffer for ASO test
<b>SLO</b>	Rapid latex test for qualitative and semiquantitative determination of streptolysin-O antibodies in serum by agglutination of latex particles on slide.
<b>ASO Plus and buffer</b>	ASO Plus : Lyophilized antigen for titration of streptolysin-O anti bodies in serum.
<b>ASO Antigen and Buffer</b>	ASO Antigen : Lyophilized antigen for titration of streptolysin-O anti bodies in serum.

INOCOLON



Product's Name:	About the product:
Cell Culture Media	Dulbecco's Modification of Eagles Medium – DMEM Dulbecco's Modification of Eagles Medium / Ham's F12 F-12 Nutrient Mixture Minimum Essential Medium-MEM RPMI 1640 Iscove's Modified Dulbecco's Medium – IMDM Opti-MEM CHOCLON
Buffered Salt Solutions	Phosphate- Buffered Saline – PBS Hank's Balanced Salt Solution – HBSS Tris Buffered Saline – TBS
Cell Culture Reagents	Trypsin – EDTA L – Glutamine Fetal Bovine Serum – FBS Trypan Blue HEPES GlutaClon

To find out more about the products visit the site below:

<http://en.inoclon.com/Default.aspx?tabid=64>

## Profile of the companies

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Tali Gene Pars



Product's Name:	About the product:
<b>PCR Protocols in Molecular Toxicology</b>	<b>PCR Protocols in Molecular Toxicology</b> is a practical guide to the use of polymerase chain reaction (PCR) to help examine, on a molecular and cellular level, how toxic responses are manifested. It offers a basic understanding of PCR and its optimization, as well as describing specific, high-impact areas of molecular toxicology and recent advances.

To find out more about the products visit the site below:

<http://www.taligene.com/en/Literature%20-Catalog.htm>



## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Zist Fan Sanat Iranian



Product's Name:	About the product:
<u>Fermentor</u>	<p>The following standards have been complied for fermenters:</p> <ul style="list-style-type: none"><li>▪ All FDA regulations for all non-metal components and all welds that come into contact with product.</li><li>▪ DIN 1.4435 (AISI316L) standard for all metal components that come into contact with product</li><li>▪ DIN 1.4301 (AISI304) standard for all metal components that indirectly attach to product</li><li>▪ <math>Ra \leq 0.5 \mu m</math> with electro polish in surface roughness of metal parts that comes into contact with the product.</li><li>▪ ASMEIV standards for pressurized vessel.</li><li>▪ GMP, GLSP, GMAP regulation for CIP, SIP processing.</li><li>▪ All electronics standards according to IEC, EN 6024-1:1992.</li></ul>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

<u>Bioreactor</u>	<p>The following standards have been complied for bioreactors:</p> <ul style="list-style-type: none"> <li>▪ All FDA regulations for all non-metal components and all welds that come into contact with product.</li> <li>▪ DIN 1.4435 (AISI316L) standard for all metal components that come into contact with product</li> <li>▪ DIN 1.4301 (AISI304) standard for all metal components that indirectly attach to product</li> <li>▪ <math>Ra \leq 0.5 \mu m</math> with electro polish in surface roughness of metal parts that comes into contact with the product.</li> <li>▪ ASMEIV standards for pressurized vessel.</li> <li>▪ GMP, GLSP, GMAP regulation for CIP, SIP processing.</li> <li>▪ All electronics standards according to IEC, EN 6024-1:1992.</li> </ul>
<u>Photobioreactor</u>	BTI manufactures photobioreactor which is a bioreactor to cultivate microorganism. These organisms use photosynthesize to generate biomass.
<u>CIP System</u>	BTI manufactures Clean-In-Place (CIP) for cleaning the interior surface of pipes, vessels, process equipment, filters and associated fittings.
<u>SIP System</u>	BTI manufactures SIP with an automated cycle for sterilization of pipes and processing vessels.
<u>Filtration System</u>	BTI manufactures filtration system to separate biomolecules and particles such as bacteria which has an important role in biotechnology and Biopharceutical industry, their application range is pilot and industry scale.
Bioinactivation System	BTI manufactures bioinactivation system to inactivate biowaste in biotechnology, pharmaceutical and food using heat treatment. This includes waste generated from fermenters, autoclaves, etc.

## ChitoTech



Manufacturer Of Advanced Wound Care ,  
Hemostatic And Nano Silver Antiseptics

Product's Name:	About the product:
ChitoTech Hemostatic Products	<p>ChitoTech Hemostatic Products are made of natural cellulosic biopolymers. They cause rapid hemostasis in arterial, venous and capillary bleedings, useful in trauma, surgery<sup>1-3</sup>, angiography catheters<sup>4</sup>, dentistry, nasal and mouth bleeding<sup>5-6</sup>, genital mutilation, traumatic skin incisions, hemodialysis and vascular problems. They save patients' life, decrease costs and hospital length of stay, blood transfusions and transmission of infection. They can be effective in conversion of hospitalization to outpatient treatment.</p> <p>Also, these products have been increasingly used in the field of inherited bleeding disorders including hemophilia, Glanzmann and Von Willebrand disease.</p>
Wound Healing Dressings	<p>Wound healing dressing as the first products of the company are based on the latest medical science achievements and practical principles of moist wound healing methods. The dressings are biocompatible and made from N-acetyl – D- Glucosamine which leads to activate effective factors particularly macrophages in wound healing. They are capable of absorbing wound exudates</p>

To find out more about the products visit the site below:

<http://www.chitotech.com/page/563/PRODUCTS>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

**Ara research**



Product's Name:

About the product:

Bio AFM



## Profile of the companies

### IRAN's Directory of Biotechnology Companies

**Arash teb pishro  
pars**



Product's Name:	About the product:
Gel Documentation System	<p><b>Gel Doc compact Pro</b></p> <ul style="list-style-type: none"> <li>- Translumynator ۳۱۲nm</li> <li>- ۲۰ megapixel digital camera</li> <li>- Touchscreen ۱۰ Inch Windows ۸.۱</li> <li>- With exit Translumynator</li> <li>- Filter SYBR Green and Gold Cyber</li> <li>- With lighting and Sensor light outage UV</li> <li>- Dimensions ۴۶* ۶۴* ۴۶cm</li> <li>- With analysis software Answer</li> </ul> <p><b>Gel Doc compact</b></p> <ul style="list-style-type: none"> <li>- Translumynator ۳۱۲nm</li> <li>- ۲۰ megapixel digital camera</li> <li>- Touchscreen ۱۰ Inch Windows ۸.۱</li> <li>- Translumynator</li> <li>- Filter SYBR Green and Gold Cyber</li> <li>- With lighting and Sensor light outage UV</li> <li>- Dimensions ۴۶* ۶۴* ۴۶cm</li> </ul>
Workstation	<p>Prevent pollution from entering the buffer space allocated for Amplification &amp; nbsp; . Body Anti-UV polycarbonate sheets and polycarbonate sliding door anti-UV &amp; nbsp; . Sterilized with UV light from fluorescent lighting company, OSRAM Japan . daray &amp; nbsp; . Equipped with two socket &amp; nbsp; within the device to connect appliances with internal platform. A stainless steel pan. Digital control system and the ability to program lighting time accurate planning. Timer UV &amp; nbsp; The digital LCD monitor. A fuse to protect the risk of electric shock. External dimensions cm 50 x 65 x 80</p>
Laminar Flow	<p><b>Laminar Flow Class 2 Model KG-A100 &amp; nbsp; &amp; nbsp; &amp; nbsp; &amp; nbsp; &amp; nbsp; of 120,65,210</b></p> <p>The skeleton of steel profiles 20 × 20 and 30 × 30 mm with electrostatic powder paint</p> <p>Body made of steel sheet thickness mm 1 with electrostatic paint powder</p> <p>Chamber floor Materials: Stainless steel with a thickness of 304 mm1</p> <p>Filters: a series of pre-filter with 85% efficiency - two sets of particles 3.0 micron HEPA filter with an efficiency of 997/99% relative to the - Made in Germany (exhaust and laminar) with 4,000 hours of standard Karkrdaray</p>

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

	<p>Europe ;</p> <p>Fan: a double around 1600 rpm (Germany) - with the balance made of plexiglas doors Taiwan - with fluorescent lighting - the Japanese original UV lamp - a cap with a power socket inside the machine - a digital control system the ability to program planning precisely with the ability to display all items of the device and the chamber temperature work (new and first time in the country) - with timer UV and HEPA filters in the LCD monitor digital - with alarms related to UV and HEPA filters to replace them - a controller heat to prevent Filter by respective Baalarmhay flame heat damage (for the first time in the country) - with a number of fuses to protect the risk of electric shock - with adjustable feet.</p> <p><b>Laminar Flow Class 2 Model KG-A100 of 80,65,210</b></p> <p>The skeleton of steel profiles 20 × 20 and 30 × 30 mm with electrostatic powder paint</p> <p>Body made of steel sheet thickness mm 1 with electrostatic paint powder</p> <p>Body made of steel sheet thickness mm 1 with electrostatic paint powder</p> <p>Filters: a series of pre-filter with 85% efficiency - two sets of particles 3.0 micron HEPA filter with an efficiency of 997/99% relative to the - Made in Germany (exhaust and laminar) with 4,000 hours of standard Karkrdaray Europe</p> <p>Fan: a double around 1600 rpm (Germany) - with the balance made of plexiglas doors Taiwan - with fluorescent lighting - the Japanese original UV lamp - a cap with a power socket inside the machine - a digital control system the ability to program planning precisely with the ability to display all items of the device and the chamber temperature work (new and first time in the country) - with timer UV and HEPA filters in the LCD monitor digital - with alarms related to UV and HEPA filters to replace them - a controller heat to prevent Filter by respective Baalarmhay flame heat damage (for the first time in the country) - with a number of fuses to protect the risk of electric shock - with adjustable feet</p>
Tank & Power Supply	

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

Pictures of the products:



Gel Documentation System



Workstation



Laminar Flow



Tank & Power Supply

## Profile of the companies

### IRAN's Directory of Biotechnology Companies

AriaFan Varzan

آریافن ورزان

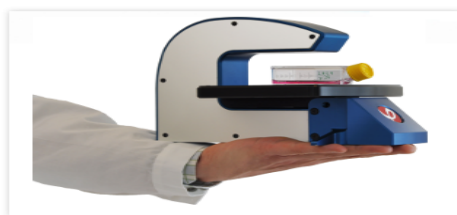
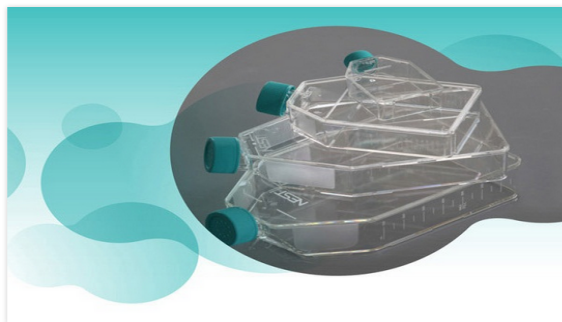
Product's Name:	About the product:
<i>Cell Culture Products</i>	For more information about the product: <a href="http://ariafan.com/en/cellculture/#1481097822830-c8db54e4-37f8">http://ariafan.com/en/cellculture/#1481097822830-c8db54e4-37f8</a>
<i>Stem Cell Therapy Package</i>	For more information about the product: <a href="http://ariafan.com/en/regenerative-medicine/">http://ariafan.com/en/regenerative-medicine/</a>
<i>Cell Analyzer</i>	For more information about the product: <a href="http://ariafan.com/en/cell-analyzer">http://ariafan.com/en/cell-analyzer</a>
<i>Cell culture glassware</i>	For more information about the product: <a href="http://ariafan.com/en/plasticware/">http://ariafan.com/en/plasticware/</a>
<i>Cathodoluminescence</i>	For more information about the product: <a href="http://ariafan.com/en/cathodoluminescence/">http://ariafan.com/en/cathodoluminescence/</a>
<i>Sampler</i>	For more information about the product: <a href="http://ariafan.com/en/sampler/">http://ariafan.com/en/sampler/</a>
<i>SPRi</i>	For more information about the product: <a href="http://ariafan.com/en/spri/">http://ariafan.com/en/spri/</a>



## Profile of the companies

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Pictures of the products:



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#### Arian Tajhiz Azma Company



Product's Name:	About the product:
Freezers_and_bio medical equipme nts	For more information about the product: <a href="http://ariantj.com/CategoryList/54/Freezers_and_biom&lt;br/&gt;edical equipments/">http://ariantj.com/CategoryList/54/Freezers_and biom edical equipments/</a>
Weighing	For more information about the product: <a href="http://ariantj.com/CategoryList/55/Weighing/">http://ariantj.com/CategoryList/55/Weighing/</a>
General	For more information about the product: <a href="http://ariantj.com/CategoryList/56/General/">http://ariantj.com/CategoryList/56/General/</a>

#### Pictures of the products:

Freezers and biomedical  
equipments



[More](#)

Weighing



[More](#)

General



[More](#)

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#### Avagene company



Product's Name:	About the product:
Sigma	<p>Sigma-Aldrich Corporation family of brands Sigma, aldrich, Fluka, Supelco and SAFC with nearly 80 years old, is the largest manufacturer and distributor of life science and biochemical research in the world.</p> <p>Providing the original products of Sigma-Aldrich in proper conditions of handling and maintenance has been a major concern for scientific and research centers in recent years.</p> <p>Avagene Co.,Ltd with a brilliant record in the import and distribution of chemicals in an attempt to address this problem has provided these products through European companies in a proper manner in accordance with the proper transport and maintenance which will be delivered within 30 working days after customer approval</p>
Agarose	<p><b>Agarose (Molecular Biology Grade)</b></p> <p>Ideal for everyday analysis of nucleic acids by gel electrophoresis or blotting. (Northern or Southern) and suitable for protein applications such as Ouchterlony and radial immunodiffusion (RID). Protein electrophoresis (immunoelectrophoresis and counterelectrophoresis).</p> <p>Features:</p> <ul style="list-style-type: none"> <li>Low EEO.</li> <li>High gel strength, forming easy-to-handle gels.</li> <li>No DNA binding.</li> <li>No DNase and RNase activity.</li> <li>Clear and sharp bands.</li> <li>High efficiency transfer for DNA (blotting). Easy preparation of the gel by simple dissolution in aqueous buffers either by standard boiling or microwaving.</li> <li>No smearing.</li> <li>No gel background. Low ethidium bromide and SYBR Green background staining.</li> </ul> <p>CERTIFICATE OF ANALYSIS: lot14130801 lot14131031 lot14140301 lot14150326</p> <p><b>Agarose tablets (Molecular Biology Grade)</b></p> <p>Agarose tablets (Molecular Biology Grade) is supplied in convenient tablet form, featuring 10 tablets in one blister pack. Agarose tablets might be used as safe and clean equivalent of agarose powder in all applications.</p> <p>Each agarose tablet consists 0.5 g agarose, molecular biology grade, ready to be dissolved in the appropriate amount buffer of choice. Using agarose tablets eliminates the weighting step. Process of dissolving, casting and running electrophoresis gels is performed analogically as with agarose powder.</p> <p>CERTIFICATE of ANALYSIS: lot1-787202 lot816108</p>
Molecular weight markers	<p>Perfect Plus 1 kb DNA Ladder</p> <p>Perfect 100-1000 bp DNA Ladder:</p> <p>Perfect 100 bp DNA Ladder</p> <p>Perfect Plus 50-500 bp DNA Ladder</p> <p>Perfect Color Protein Ladder</p> <p>Perfect Tricolor Protein Ladder</p> <p>For more information about the product:</p>

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<p><b>Pcr kits</b></p>	<p><a href="http://www.avagene.com/perfect-plus-1-kb-dna-ladder/">http://www.avagene.com/perfect-plus-1-kb-dna-ladder/</a></p> <p><b>NXT Taq PCR Kit:</b> Really fast performance, not just a name. Designed for fast-cycling PCR on all thermal cyclers. Shortens PCR cycling time without affecting performance. Antibody based HOT START system. Ready-to-use Master Mix format. Supplied with 10 x Color Load solution.</p> <p><b>Taq PCR Master Mix (2x)</b> Taq PCR Master Mix (2x) is a ready-to-use solution containing Taq DNA Polymerase, optimized reaction buffer, MgCl<sub>2</sub> and dNTPs. Use of Taq PCR Master Mix (2x) allows to save time and reduce contamination risk due to fewer pipetting steps during PCR set-up. Taq DNA Polymerase is a thermostable enzyme of approximately 94 kDa from <i>Thermus aquaticus</i>. Ultrapure, recombinant protein. The enzyme replicates DNA at 74°C and exhibits a half-life of 40 min at 95°C (1,2). Catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction in the presence of magnesium ions. Maintains the 5'→3' exonuclease activity. Lacks the 3'→5' exonuclease activity. Adds extra A at the 3' ends. Taq PCR Master Mix (2x) is recommended for use in PCR and primer extension reactions at elevated temperatures to obtain a wide range of DNA products up to 10 kb. Unit Definition: One unit is defined as the amount of enzyme required to catalyze the incorporation of 10 nmoles of dNTP into acid-insoluble material in 30 min at 74°C. The reaction conditions are: 50 mM Tris-HCl (pH 9.0 at 25°C), 50 mM NaCl, 5 mM MgCl<sub>2</sub>, 200 μM each of dATP, dCTP, dGTP, dTTP (a mix of unlabeled and [<sup>3</sup>H]dTTP), 10 μg activated calf thymus DNA and 0.1 mg/ml BSA in a final volume of 50 μl. Storage Conditions: Store at -20°C for long-term storage or at 4°C for up to 2 months. Taq PCR Master Mix (2x) contains:  <ol style="list-style-type: none"> <li>1. Taq PCR Master Mix (2x)</li> <li>2. Water, nuclease free</li> <li>3. 10 x Color Load</li> </ol> Taq PCR Master Mix (2x): Taq DNA Polymerase is supplied in 2 x Pol Buffer B containing 3 mM MgCl<sub>2</sub> and 0.4 mM of each dNTP. 10 x Color Load: contains two gel tracking dyes and a gel loading reagent. It enables direct loading of PCR products onto an agarose gel. Quality Control: All preparations are assayed for contaminating endonuclease, 3'-exonuclease, and nonspecific single- and double-stranded DNase activities. Typical preparations are greater than 95% pure, as judged by SDS polyacrylamide gel electrophoresis Direct Blood PCR Kit enables to perform PCR reactions directly from whole blood with no prior DNA extraction or purification. Description: The Direct Blood PCR Kit allows to use whole blood stored at +4°C or -20°C as well as dried blood spots on cards such as commercially available Whatman FTA® cards. Blood can be preserved with all most often used anticoagulants: EDTA, citrate or heparin. It is possible to use whole blood in a wide range of concentrations: from 1 % to 20 %. The recommended starting point is 5 % (MgCl<sub>2</sub> concentration contained in the Blood PCR buffer is optimized for 5 % blood). The Direct Blood PCR Kit employs a genetically engineered thermophilic DNA polymerase with high tolerance to blood inhibitors. Blood DNA Polymerase catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction. The enzyme exhibits the 3'→5' proofreading activity, resulting in over 10-fold higher PCR fidelity than possible with Taq DNA Polymerases. The enzyme generates blunt ends. Enhanced polymerase processivity allows to use shorter extension times. Due to the genetic modification of the polymerase, the optimal reaction conditions (especially annealing</p>
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	<p>temperatures) differ from standard PCR protocols.</p> <p>The Direct Blood PCR Kit allows to obtain a wide range of product size (over 4 kb).</p> <p>Blood DNA Polymerase Storage Buffer: 20 mM Tris-HCl (pH 8.0 at 22°C), 100 mM KCl, 0.5% Tween™20, 0.5% Igepal CA-630, 0.1 mM EDTA, 1 mM dithiothreitol, 50% glycerol and stabilizers.</p> <p>5 x Blood PCR Buffer: The buffer contains 15 mM MgCl<sub>2</sub>.</p> <p>Quality Control: All preparations are assayed for contaminating 3'-exonuclease, and nonspecific single- and double-stranded DNase activities. Typical preparations are greater than 95% pure, as judged by SDS polyacrylamide gel electrophoresis.</p> <p><b>Multiplex PCR Master Mix (2x)</b></p> <p>Multiplex PCR Master Mix (2x) is developed for efficient multiplex PCR for various advanced applications. The use of the kit eliminates the need for time-consuming optimization, making the development of multiplex PCR assays easier and faster. Use of Multiplex PCR Master Mix (2x) allows to save time and reduce contamination risk due to fewer pipetting steps during PCR setup. The master mix contains Perpetual Taq DNA Polymerase, MgCl<sub>2</sub>, specially formulated reaction buffer, dNTPs and additives. Multiplex PCR Master Mix (2x) enables convenient room temperature reaction setup. The master mix can be used with plain primers or fluorescently labeled primers.</p> <p><b>Color Taq PCR Master Mix (2x)</b></p> <p>Color Taq PCR Master Mix (2x) is a ready-to-use solution containing Taq DNA Polymerase, optimized reaction buffer, MgCl<sub>2</sub>, dNTPs and two gel tracking dyes.</p> <p>Use of Color Taq PCR Master Mix (2x) allows to save time and reduce contamination risk due to fewer pipetting steps during PCR set-up.</p> <p>Taq DNA Polymerase is a thermostable enzyme of approximately 94 kDa from <i>Thermus aquaticus</i>. Ultrapure, recombinant protein.</p> <p>The enzyme replicates DNA at 74°C and exhibits a half-life of 40 min at 95°C (1,2).</p> <p>Catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction in the presence of magnesium ions.</p> <p>Maintains the 5'→3' exonuclease activity.</p> <p>Lacks the 3'→5' exonuclease activity.</p> <p>Adds extra A at the 3' ends.</p> <p>Color Taq PCR Master Mix (2x) is recommended for use in PCR and primer extension reactions at elevated temperatures to obtain a wide range of DNA products up to 10 kb.</p> <p>Color Taq PCR Master Mix (2x) contains:</p> <ol style="list-style-type: none"><li>1. Color Taq PCR Master Mix (2x)</li><li>2. Water, nuclease free</li></ol>
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<p><b>Taq DNA Polymerase</b></p>	<p><b>Taq DNA Polymerase</b></p> <ul style="list-style-type: none"> <li>Stable thermophilic DNA polymerase, suitable for applications requiring high temperature synthesis of DNA.</li> <li>Description:</li> <li>Taq DNA Polymerase is a thermostable enzyme of approximately 94 kDa from <i>Thermus aquaticus</i>.</li> <li>Ultrapure, recombinant protein.</li> <li>The enzyme replicates DNA at 74°C and exhibits a half-life of 40 min at 95°C (1,2).</li> <li>Catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction in the presence of magnesium ions.</li> <li>Maintains the 5'→3' exonuclease activity.</li> <li>Lacks the 3'→5' exonuclease activity.</li> <li>Adds extra A at the 3' ends.</li> <li>Taq DNA Polymerase is recommended for use in PCR and primer extension reactions at elevated temperatures to obtain a wide range of DNA products up to 10 kb.</li> </ul> <p>Unit Definition: One unit is defined as the amount of enzyme required to catalyze the incorporation of 10 nmoles of dNTP into acid-insoluble material in 30 min at 74°C. The reaction conditions are: 50 mM Tris-HCl (pH 9.0 at 25°C), 50 mM NaCl, 5 mM MgCl<sub>2</sub>, 200 μM each of dATP, dCTP, dGTP, dTTP (a mix of unlabeled and [<sup>3</sup>H]dTTP), 10 μg activated calf thymus DNA and 0.1 mg/ml BSA in a final volume of 50 μl.</p> <p>Storage Conditions: Store at -20°C</p> <p>Storage Buffer: 20 mM Tris-HCl (pH 8.0 at 22°C), 100 mM KCl, 0.5% Tween 20, 0.5% Igepal CA-630, 0.1 mM EDTA, 1 mM dithiothreitol, 50% glycerol and stabilizers.</p> <p>10 x Reaction Buffer:</p> <p>10 x Pol Buffer A (optimization buffer without MgCl<sub>2</sub>): the buffer allows to optimize MgCl<sub>2</sub> concentration.</p> <p>10 x Pol Buffer B (general application, up to 10 kb): the buffer contains 15 mM MgCl<sub>2</sub> and is optimized for use with 0.2 mM of each dNTP.</p> <p>10 x Pol Buffer C (coloured): 10 x Pol Buffer B enriched with two gel tracking dyes and a gel loading reagent. The buffer enables direct loading of PCR products onto an agarose gel.</p> <p><b>Color Taq DNA Polymerase</b></p> <p>Stable thermophilic DNA polymerase, suitable for applications requiring high temperature synthesis of DNA.</p> <ul style="list-style-type: none"> <li>The enzyme is supplemented with two inert gel tracking dyes.</li> <li>Description:</li> <li>Taq DNA Polymerase is a thermostable enzyme of approximately 94 kDa from <i>Thermus aquaticus</i>.</li> <li>Ultrapure, recombinant protein.</li> <li>The enzyme replicates DNA at 74°C and exhibits a half-life of 40 min at 95°C (1,2).</li> <li>Catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction in the presence of magnesium ions.</li> <li>Maintains the 5'→3' exonuclease activity.</li> <li>Lacks the 3'→5' exonuclease activity.</li> <li>Adds extra A at the 3' ends.</li> <li>Color Taq DNA Polymerase is recommended for use in PCR and primer extension reactions at elevated temperatures to obtain a wide range of DNA products up to 10 kb.</li> <li>Use of Color Taq DNA Polymerase offers several advantages:             <ul style="list-style-type: none"> <li>visualizes the addition of the polymerase to the reaction,</li> <li>confirms complete mixing,</li> <li>enables direct loading of PCR products onto an agarose gel without addition of a gel loading</li> </ul> </li> </ul>
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	<p>buffer,</p> <ul style="list-style-type: none"><li>• the added dyes allow to track electrophoresis progress,</li><li>• do not affect PCR performance,</li><li>• do not interfere with most downstream applications (exception: the polymerase is not recommended for any downstream application using absorbance or fluorescence excitation).</li></ul> <p><b>Native Taq DNA Polymerase</b></p> <p>Native, very stable thermophilic DNA polymerase, suitable for applications requiring high temperature synthesis of DNA.</p> <p>Source: <i>Thermus aquaticus</i></p> <p>Description:</p> <p>Taq DNA Polymerase is a thermostable enzyme of approximately 94 kDa from <i>Thermus aquaticus</i>. The enzyme replicates DNA at 74°C and exhibits a half-life of 40 min at 95°C.</p> <p>Catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction in the presence of magnesium ions.</p> <p>Maintains the 5'→3' exonuclease activity.</p> <p>Lacks the 3'→5' exonuclease activity.</p> <p>Taq DNA Polymerase is recommended for use in PCR and primer extension reactions at elevated temperatures to obtain a wide range of DNA products up to 10 kb.</p> <p>Native Taq DNA Polymerase is recommended for use in special PCR applications, where traces of <i>E. coli</i> genomic DNA may interfere with amplification specificity.</p> <p>Unit Definition: One unit is defined as the amount of enzyme required to catalyze the incorporation of 10 nmol of dNTP into acid-insoluble material in 30 min at 74°C. The reaction conditions are: 50 mM Tris-HCl (pH 9.0 at 25°C), 50 mM NaCl, 5 mM MgCl<sub>2</sub>, 200 μM each of dATP, dCTP, dGTP, dTTP (a mix of unlabeled and [<sup>3</sup>H]dTTP), 10 μg activated calf thymus DNA and 0.1 mg/ml BSA in a final volume of 50 μl.</p>
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<p><b>Pfu DNA Polymerase</b></p>	<p><b>Pfu DNA Polymerase</b> Extremely thermostable proofreading DNA polymerase, suitable for applications requiring high temperature synthesis of DNA. Description: Pfu DNA Polymerase is a thermostable enzyme isolated from hyperthermophilic archaea <i>Pyrococcus</i> sp. (1). Ultrapure recombinant enzyme. Unmodified enzyme replicates DNA at 74°C and exhibits over 95% activity after 1-hour incubation at 95°C. The enzyme catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction in the presence of magnesium ions. The enzyme exhibits the 3'→5' proofreading activity, resulting in over 10-fold higher PCR fidelity than possible with Taq DNA Polymerases (2). Pfu DNA Polymerase is recommended for use in high-fidelity PCR, PCR of GC-rich sequences or problematic secondary structures and cloning of blunt-ended PCR products. Unit Definition: One unit is defined as the amount of enzyme required to catalyze the incorporation of 10 nmoles of dNTP into acid-insoluble material in 30 min at 74°C. The reaction conditions are: 50 mM Tris-HCl (pH 9.0 at 25°C), 50 mM NaCl, 5 mM MgCl<sub>2</sub>, 200 μM each of dATP, dCTP, dGTP, dTTP (a mix of unlabeled and [<sup>3</sup>H]dTTP), 10 μg activated calf thymus DNA and 0.1 mg/ml BSA in a final volume of 50 μl. Quality Control: All preparations are assayed for contaminating endonuclease, 3'-exonuclease, and nonspecific single- and double-stranded DNase activities. Typical preparations are greater than 95% pure, as judged by SDS polyacrylamide gel electrophoresis. References: Lundberg, K., Shoemaker, D., Adams, M., Short, J., Sorge, J. and Mathur E. (1991) <i>Gene</i> 108, 1. Cline, J., Braham, J. and Hogrefe, H. (1996) <i>Nucleic Acids Res.</i> 24, 3546.</p> <p><b>PfuPlus! DNA Polymerase</b> Extremely thermostable proofreading DNA polymerase blend, formulated for efficient site-directed mutagenesis and synthesis of DNA products up to 20 kb. Unit Definition: One unit is defined as the amount of enzyme required to catalyze the incorporation of 10 nmoles of dNTP into acid-insoluble material in 30 min at 74°C. The reaction conditions are: 50 mM Tris-HCl (pH 9.0 at 25°C), 50 mM NaCl, 5 mM MgCl<sub>2</sub>, 200 μM each of dATP, dCTP, dGTP, dTTP (a mix of unlabeled and [<sup>3</sup>H]dTTP), 10 μg activated calf thymus DNA and 0.1 mg/ml BSA in a final volume of 50 μl. Storage Conditions: Store at -20°C or at -70°C. Description: PfuPlus! is a modified and optimized hyperthermophilic Pfu DNA Polymerase (1) blended with thermostable polymerisation enhancing factor. Ultrapure recombinant enzyme. The enzyme catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction in the presence of magnesium ions. The enzyme exhibits the 3'→5' proofreading activity, resulting in over 10-fold higher PCR fidelity than possible with Taq DNA Polymerases (2). The constituent of PfuPlus! DNA Polymerase, the polymerase-enhancing factor, enhances PCR product yields and increases target length capability of Pfu DNA Polymerase. Enhanced performance of PfuPlus! DNA Polymerase allows to use fewer PCR cycles and lower DNA template concentrations when compared to Pfu DNA Polymerase. PfuPlus! DNA Polymerase is recommended for use in high-fidelity PCR, PCR of GC-rich sequences or problematic secondary structures, site-directed mutagenesis and cloning of blunt-ended PCR products. The enzyme is also recommended for general use in PCR and primer extension reactions at elevated temperatures to obtain a wide range of PCR products up to 20 kb. Quality Control: All preparations are assayed for contaminating 3'-exonuclease, and nonspecific single- and double-stranded DNase activities. Typical preparations are greater than 95% pure, as judged by SDS polyacrylamide gel electrophoresis. References: Lundberg, K., Shoemaker, D., Adams, M., Short, J., Sorge, J. and Mathur E. (1991) <i>Gene</i> 108, 1. Cline, J., Braham, J. and Hogrefe, H. (1996) <i>Nucleic Acids Res.</i> 24, 3546.</p>
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	<p>Kaledin, A.S., Sliusarenko, A.G. and Gorodetskii, S.I. (1980) Biokhimiya 45, 644</p> <p><b>Color PfuPlus! DNA Polymerase</b></p> <p>Extremely thermostable proofreading DNA polymerase blend, formulated for efficient site-directed mutagenesis and synthesis of DNA products up to 20 kb.</p> <p>The enzyme is supplemented with two inert gel tracking dyes.</p> <p>Unit Definition: One unit is defined as the amount of enzyme required to catalyze the incorporation of 10 nmoles of dNTP into acid-insoluble material in 30 min at 74°C. The reaction conditions are: 50 mM Tris-HCl (pH 9.0 at 25°C), 50 mM NaCl, 5 mM MgCl<sub>2</sub>, 200 µM each of dATP, dCTP, dGTP, dTTP (a mix of unlabeled and [3H]dTTP), 10 µg activated calf thymus DNA and 0.1 mg/ml BSA in a final volume of 50 µl.</p> <p>Storage Conditions: Store at -20°C.</p> <p>Use of Color PfuPlus! DNA Polymerase offers several advantages:</p> <ul style="list-style-type: none"> <li>visualizes the addition of the polymerase to the reaction,</li> <li>confirms complete mixing,</li> <li>enables direct loading of PCR products onto an agarose gel without addition of a gel loading buffer,,</li> <li>the added dyes allow to track electrophoresis progress,</li> <li>do not affect PCR performance,</li> <li>do not interfere with most downstream applications (expection: the polymerase is not recommended for any downstream application using absorbance or fluorescence excitation)</li> </ul> <p>Description:</p> <p>PfuPlus! is a modified and optimized hyperthermophilic Pfu DNA Polymerase (1) blended with thermostable polymerase-enhancing factor.</p> <p>Ultrapure recombinant enzyme.</p> <p>The enzyme catalyzes the polymerization of nucleotides into duplex DNA in the 5'→3' direction in the presence of magnesium ions.</p> <p>The enzyme exhibits the 3'→5' proofreading activity, resulting in over 10-fold higher PCR fidelity than possible with Taq DNA Polymerases (2).</p> <p>The constituent of PfuPlus! DNA Polymerase, the polymerase-enhancing factor, enhances PCR product yields and increases target length capability of Pfu DNA Polymerase.</p> <p>Enhanced performance of PfuPlus! DNA Polymerase allows to use fewer PCR cycles and lower DNA template concentrations when compared to Pfu DNA Polymerase.</p> <p>Color PfuPlus! DNA Polymerase is recommended for use in high-fidelity PCR, PCR of GC-rich sequences or problematic secondary structures, site-directed mutagenesis and cloning of blunt-ended PCR products.</p> <p>The enzyme is also recommended for general use in PCR and primer extension reactions at elevated temperatures to obtain a wide range of PCR products up to 20 kb.</p> <p>Quality Control: All preparations are assayed for contaminating 3'-exonuclease, and nonspecific single- and double-stranded DNase activities. Typical preparations are greater than 95% pure, as judged by SDS polyacrylamide gel electrophoresis.</p> <p>References:</p> <p>Lundberg, K., Shoemaker, D., Adams, M., Short, J., Sorge, J. and Mathur E. (1991) Gene 108, 1.</p> <p>Cline, J., Braham, J. and Hogrefe, H. (1996) Nucleic Acids Res. 24, 3546.</p> <p>Kaledin, A.S., Sliusarenko, A.G. and Gorodetskii, S.I. (1980) Biokhimiya 45, 644</p>
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<b>Reverse transcription</b>	<p><b>OneStep RT-PCR kit</b></p> <p>OneStep RT-PCR Kit is convenient system for setting up one-tube RT-PCR reactions. It contains Master Enzyme Mix including highly processive dART reverse transcriptase, "hot start" DNA polymerase and unique RNase Inhibitor working well at elevated temperature. Master Buffer contains optimized 2 x buffer including dNTPs, stabilizers and reaction enhancements. Kit is designed to sufficient amplification DNA from any RNA with high specificity and sensitivity in a one-step process. Our system is dedicated for analytic as well as cloning purposes.</p> <p><b>NG dART RT-PCR kit</b></p> <p>NG dART RT-PCR kit is first strand cDNA synthesis kit convenient for two step RT-PCR. Kit is based on modified reverse transcriptase with improved thermostability (up to 65°C) and processivity. Has easy to use format to save time and limit the possibility of pipeting errors.</p> <p>NG dART RT-PCR kit allows to amplify DNA from any RNA with high specificity and sensitivity. NG dART RT mix contains dART reverse transcriptase and RNase Inhibitor preventing from RNases A,B and C. 5X NG cDNA buffer contains optimized for RT buffer and dNTPs. cDNA synthesis is performed in the first step using either total RNA or poly(A) +RNA primed with oligo(dT), random hexamers primers or reverse gene specific primer. The second step, in separate tube is PCR where cDNA is a template and specific primers are used to amplify double-stranded DNA of interest using high fidelity OptiTaQ DNA Polymerase.</p> <p><b>Fix RNA</b></p> <p>Reagent allows for rapid stabilizations and protection of cellular RNA against degradation. fixRNA allows for long term storage of the sample and effective isolation of RNA at any time. To protect RNA use only fresh tissues, blood (leukocytes), cell or bacterial cultures. Do not use frozen samples or samples stored without fixRNA reagent. To protect and stabilize whole blood we recommend Universal Blood RNA Kit (E3594) and Lyse Blood buffer included in the kit.</p> <p><b>NG dART RT kit</b></p> <p>NG dART RT kit is first strand cDNA synthesis kit convenient for two step RT-PCR. Kit is based on modified reverse transcriptase with improved thermostability (up to 65°C) and processivity. Has easy to use format to save time and limit the possibility of pipeting errors.</p> <p>NG dART RT kit allows to amplify DNA from any RNA with high specificity and sensitivity. NG dART RT mix contains dART reverse transcriptase and RNase Inhibitor preventing from RNases A,B and C. 5X NG cDNA buffer contains optimized for RT buffer and dNTPs. cDNA synthesis is performed in the first step using either total RNA or poly(A) +RNA primed with oligo(dT), random hexamers primers or reverse gene specific primer. The second step, in separate tube is PCR where cDNA is a template and specific primers are used to amplify double-stranded DNA of interest using the polymerase of choice. We strongly recommend using high fidelity OptiTaQ DNA Polymerase (E2600-01) or OptiTaQ PCR Master Mix (2x) (E2910-01)</p>
<b>Real time PCR kits</b>	<p><b>Fast SG qPCR Master Mix (2x)</b></p> <p>Fast SG qPCR Master Mix (2x) is a universal solution for fast-cycling quantitative real-time PCR and two-step real-time RT-PCR and can be used on most real-time PCR cyclers available. The master mix contains Perpetual Taq DNA Polymerase, optimized reaction buffer, dNTPs (dTTP is partially replaced with dUTP) and SYBR Green I dye. SYBR Green I enables DNA analysis without having to synthesize expensive sequence-specific labeled probes.</p> <p><b>MP qPCR Master Mix (2x)</b></p> <p>MP qPCR Master Mix (2x) is a universal solution for quantitative, multiplex real-time PCR and two-step real-time RT-PCR using sequence-specific probes and can be used on most real-time PCR cyclers available. Depending on the real-time cycler used, up to 5 targets can be quantified simultaneously in the same well or tube. The master mix contains Perpetual Taq DNA Polymerase, optimized reaction buffer, dNTPs (dTTP is partially replaced with dUTP). The polymerase enables convenient room temperature reaction setup. MP qPCR Master Mix (2x) contains dUTP, which partially replaces dTTP. It allows the optional use of a uracil-N-glycosylase (UNG) to prevent carryover contamination between reactions. UNG removes uracil from any dU-containing contaminating amplicons, leaving abasic sites and making DNA molecules susceptible to hydrolysis during the initial denaturation step.</p> <p><b>Probe qPCR Master Mix (2x)</b></p> <p>Probe qPCR Master Mix (2x) is a universal solution for quantitative real-time PCR and two-step real-time RT-PCR and can be used on most real-time PCR cyclers available. The master mix contains Perpetual Taq DNA Polymerase, optimized reaction buffer, dNTPs (dTTP is partially replaced with dUTP).</p>

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	<p>Perpetual Taq DNA Polymerase contains recombinant Taq DNA Polymerase bound to anti-Taq monoclonal antibodies that block polymerase activity at moderate temperatures.</p> <p>The polymerase activity is restored during the initial denaturation step when amplification reactions are heated at 95°C for at least two minutes.</p> <p>Use of the “hot start” enzyme prevents extension of misprimed products and primer-dimers during reaction setup leading to higher specificity and sensitivity of PCR reactions.</p> <p>The polymerase enables convenient room temperature reaction setup.</p> <p>Probe qPCR Master Mix (2x) contains dUTP, which partially replaces dTTP. It allows the optional use of a uracil-N-glycosylase (UNG) to prevent carryover contamination between reactions. UNG removes uracil from any dU-containing contaminating amplicons, leaving abasic sites and making DNA molecules susceptible to hydrolysis during the initial denaturation step.</p> <p><b>SG qPCR Master Mix (2x), plus ROX Solution</b></p> <p>SG qPCR Master Mix (2x) is a universal solution for quantitative real-time PCR and two-step real-time RT-PCR and can be used on most real-time PCR cyclers available. The master mix contains Perpetual Taq DNA Polymerase, optimized reaction buffer, dNTPs (dTTP is partially replaced with dUTP) and SYBR Green I dye.</p> <p>SYBR Green I enables DNA analysis without having to synthesize expensive sequence-specific labeled probes.</p> <p>SG qPCR Master Mix (2x) contains dUTP, which partially replaces dTTP. It allows the optional use of a uracil-N-glycosylase (UNG) to prevent carryover contamination between reactions. UNG removes uracil from any dU-containing contaminating amplicons, leaving abasic sites and making DNA molecules susceptible to hydrolysis during the initial denaturation step.</p> <p>The use of ROX passive reference dye is necessary for all real-time PCR cyclers from Applied Biosystems and optional for cyclers from Stratagene. ROX compensates for variations of fluorescent signal between wells due to slight differences in reaction volume and fluorescence fluctuations. ROX is not involved in PCR reaction, has a different emission spectrum than SYBR Green I and does not interfere with real-time PCR on any instrument. Refer to the table below to determine the recommended amount of ROX (25 µM) required for a specific PCR cycler.</p> <p><b>SG qPCR Master Mix (2x)</b></p> <p>SG qPCR Master Mix (2x) is a universal solution for quantitative real-time PCR and two-step real-time RT-PCR and can be used on most real-time PCR cyclers available. The master mix contains Perpetual Taq DNA Polymerase, optimized reaction buffer, dNTPs (dTTP is partially replaced with dUTP) and SYBR Green I dye. SYBR Green I enables DNA analysis without having to synthesize expensive sequence-specific labeled probes.</p> <p>SYBR Green I is a fluorescent dye which binds all double-stranded DNA molecules and emits a fluorescent signal on binding. The excitation and emission maxima of SYBR Green I are at 494 nm and 521 nm, respectively, which are compatible with use on any real-time cycler.</p> <p>SG qPCR Master Mix (2x) contains dUTP, which partially replaces dTTP. It allows the optional use of a uracil-N-glycosylase (UNG) to prevent carryover contamination between reactions. UNG removes uracil from any dU-containing contaminating amplicons, leaving abasic sites and making DNA molecules susceptible to hydrolysis during the initial denaturation step.</p>
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PADIDEH NOJEN  
PARS



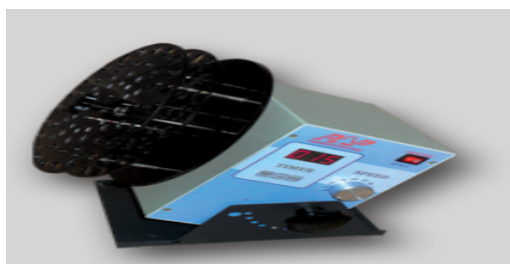
Product's Name:	About the product:
Power Supply	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-19-22/power-supply.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-19-22/power-supply.html</a>
Electrophoresis Tanks	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-19-22/electrophoresis-tanks.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-19-22/electrophoresis-tanks.html</a>
Hot Block	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-19-22/hot-plates.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-19-22/hot-plates.html</a>
PCR Workstation	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-19-22/pcr-workstation.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-19-22/pcr-workstation.html</a>
Thermocycler	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-47-15/thermocycler.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-47-15/thermocycler.html</a>
Peristaltic Pump	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-47-15/peristaltic-pumps.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-47-15/peristaltic-pumps.html</a>
Oven	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-47-15/oven.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-47-15/oven.html</a>

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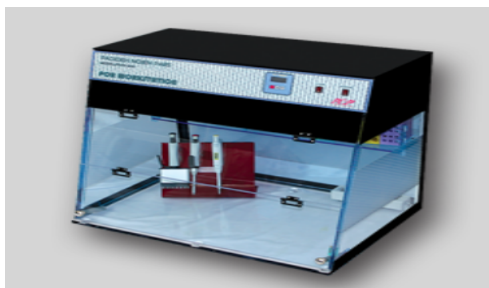
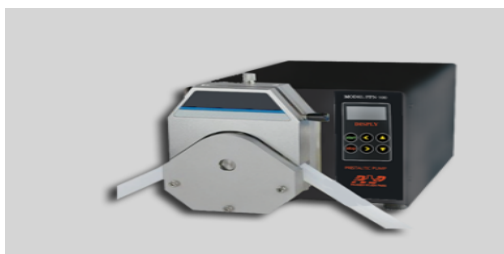
Water Bath	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-47-15/ben-murray.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-08-47-15/ben-murray.html</a>
Shaker	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-09-01-52/shaker.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-09-01-52/shaker.html</a>
Mini Rocker	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-09-01-52/mini-rocker.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-09-01-52/mini-rocker.html</a>
Rotator	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-09-01-52/rotator.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-09-01-52/rotator.html</a>
Micro Fuge	For more information about the product: <a href="http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-09-01-52/micro-fuge.html">http://www.pnojen.com/en/2015-11-29-06-41-20/2015-11-18-09-01-52/micro-fuge.html</a>

Pictures of the products:



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## Profile of the companies

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Persian Taramand



Product's Name:	About the product:
Fermenter	

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Bioreactor	
Pharmaceutical and biological production lines	
Steel tanks	



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PISHTAZ TEB  
ZAMAN



Product's Name:	About the product:
Eliza kits	For more information about the product: <a href="http://www.pishtazteb.com/en/product/c1-ELISA-Kits/">http://www.pishtazteb.com/en/product/c1-ELISA-Kits/</a>
biochemistry	For more information about the product: <a href="http://www.pishtazteb.com/en/product/c11-Biochemistry/">http://www.pishtazteb.com/en/product/c11-Biochemistry/</a>
Neonatal Screening Tests	For more information about the product: <a href="http://www.pishtazteb.com/en/product/c9-Neonatal-Screening-Tests/">http://www.pishtazteb.com/en/product/c9-Neonatal-Screening-Tests/</a>
Blood Group	For more information about the product: <a href="http://www.pishtazteb.com/en/product/c16-Blood-Group/">http://www.pishtazteb.com/en/product/c16-Blood-Group/</a>
insruments	For more information about the product: <a href="http://www.pishtazteb.com/en/product/c12-Instruments">http://www.pishtazteb.com/en/product/c12-Instruments</a>

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Gene Transfer  
Pioneers



Product's Name:	About the product:
Molecular biology kits & enzymes	DNA polymerase DNA extraction kit
Industrial enzymes	For more information about the product: <a href="http://www.irgtp.com/en/">http://www.irgtp.com/en/</a>
Recombination proteins	For more information about the product: <a href="http://www.irgtp.com/en/">http://www.irgtp.com/en/</a>

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Kawsar Biotech  
Company (KBC)



Product's Name:	About the product:
kits	For more information about the product: <a href="http://kawsarbiotech.com/page/16/Kits">http://kawsarbiotech.com/page/16/Kits</a>
<b>DNA Banking cards</b>	For more information about the product: <a href="http://kawsarbiotech.com/page/18/DNA-Banking-Cards">http://kawsarbiotech.com/page/18/DNA-Banking-Cards</a>
<b>Lab Equipments</b>	For more information about the product: <a href="http://kawsarbiotech.com/page/124/Lab-Equipments">http://kawsarbiotech.com/page/124/Lab-Equipments</a>
<b>DNA Controls</b>	For more information about the product: <a href="http://kawsarbiotech.com/page/165/DNA-Controls">http://kawsarbiotech.com/page/165/DNA-Controls</a>
<b>Cell Culture Medias</b>	For more information about the product: <a href="http://kawsarbiotech.com/page/123/Cell-Culture-Medias">http://kawsarbiotech.com/page/123/Cell-Culture-Medias</a>
<b>PCR Related Products</b>	For more information about the product: <a href="http://kawsarbiotech.com/page/17/PCR-Related">http://kawsarbiotech.com/page/17/PCR-Related</a>
<b>Popular Products</b>	For more information about the product: <a href="http://kawsarbiotech.com/page/239/Popular-Products">http://kawsarbiotech.com/page/239/Popular-Products</a>