

# Raw Materials for R&D and Manufacturing

Native Proteins (human), Recombinant Proteins  
From Serum / Plasma or Manufactured in SF19, HEK293, e.coli

Serum Free Freeze Protection, Serum Free Media  
Manufactured under cGMP upon request

## Sera

Semipurified Antisera for Adsorption Purposes

Control sera, Depleted Sera

Origin: Human; bovine, ovine; goat, rabbit, donkey

## Assay and Cell Culture Supplements

Growth Factors

BSA Cohn V fraction: Origin Australia, USA,

New Zealand;

HSA in solution (25%)

Trehalose, Ectoins, Ready-to-Use Osmolytes

## Complete / Fragment Polyclonal Antibodies

Ig E: human; Ig G goat, rat, rabbit, mouse, human

cross-adsorbed antibodies, custom-manufactured, against  
chicken, human, mouse, rabbit, rat Ig A;G;M; conjugates  
horse radish peroxidase; fluorescence labels incl GFP analogs

## Human Native Proteins (Bulk packing)

### Human Plasma Proteins

Albumin  
Alpha-1 Acid Glycoprotein  
Alpha-1-Antichymotrypsin  
Alpha-1-Antitrypsin  
Alpha-2-Antiplasmin  
Alpha-2-HS-Glycoprotein  
Alpha-2-Macroglobulin  
Antithrombin III  
Apolipoprotein AI  
Apolipoprotein AII  
Apolipoprotein B  
Apolipoprotein CI  
Apolipoprotein CII  
Apolipoprotein CIII  
Apolipoprotein E  
Apotransferrin  
Apotransferrin, Low Endotoxin  
  
C1 Esterase Inhibitor  
Ceruloplasmin  
Chylomicrons  
  
GC Globulin  
Haptoglobin  
Hemopexin  
Immunoglobulin A  
Immunoglobulin A1, Myeloma  
Immunoglobulin A2, Myeloma  
Immunoglobulin D  
Immunoglobulin D, Myeloma  
Immunoglobulin E,  
Immunoglobulin E, Myeloma  
Immunoglobulin G,  
Immunoglobulin G1, Myeloma  
Immunoglobulin G2, Myeloma  
Immunoglobulin G3, Myeloma  
Immunoglobulin G4, Myeloma  
Immunoglobulin G, Fab Fragment  
Immunoglobulin G, Fc Fragment  
Immunoglobulin M

Immunoglobulin M, Myeloma  
Immunoglobulin M, Fc5mu Fragment  
Immunoglobulin M, mu Chain  
Kallikrein  
Kininogen, HMW  
Kininogen, LMW  
Lipoprotein a, [Lp(a)]  
Lipoprotein, High Density  
Lipoprotein, Intermediate Density  
Lipoprotein, Low Density  
Lipoprotein, Very Low Density  
Plasmin  
Plasminogen  
Prealbumin

### Human Neutrophils

Anti-Microbial Cationic Protein CAP57  
Azurocidin  
Cathepsin G  
Defensins  
Elastase  
Lactoferrin  
Lysozyme  
Myeloperoxidase  
Proteinase 3

### Human Platelets

Platelet Factor 4  
Thrombospondin

### From Other Organs, Cells (all Human)

Catalase (Erythrocytes)  
Cathepsin H (Liver )  
Cathepsin L ( Liver )  
Cathepsin S (Spleen)  
Chymotrypsin (Pancreas)  
Trypsin (pancrease)  
Dipeptidyl Peptidase IV (Placenta)

All Proteins have been submitted to screening against infectious disease agents by FDA approved methods & tests for blood-borne products and found to be devoid of those agents.

*As a research oriented company, Akron Biotech discovers, develops and tests new and innovative products. Akron Biotech has an aggressive product development program, through technology licensing and collaborations. We access products and strategic reagents for use in a variety of applications in Immunology and Cell Biology.*

**R E A G E N T S**

### **Recombinant Proteins**

- Hu INF alpha
- Hu INF beta
- IL-2
- Hu G-CSF
- Hu GM-CSF
- Hu EPO
- Hu BDNF
- Endostatin
- Hu bFGF
- Hu PF-4
- Hu PDGF bb (E.coli)
- Hu PDGF bb (S.cerevisiae)
- Hu PGF-1
- Hu PGF-2
- Thrombospondin
- Hu VEGF (CHO)
- Hu VEGF (E.coli)
- IGF-1

**O U R P R O D U C T S**

### **Monoclonal and Polyclonal Antibodies**

#### **Polyclonal**

- Rabbit Anti Human Ferritin Ig G
- Rabbit Anti-Human Haemoglobin
- Rabbit Anti-Human bFGF
- Goat Anti Human Transferrin Ig G
- Goat Anti Human Alpha 1-Acid Glycoprotein

#### **Monoclonal**

- Mouse Anti Human Ig M (m $\mu$  chain)
- Rabbit Anti-Human VEGF

Custom Polyclonal and Monoclonal Services available at very low prices

*Our company is at a growth and expansion stage. We are strongly investing in technology in order to provide higher quality standards for our products. In addition, we strive to meet all our customers' needs seeking new technologies that could improve our products to better serve them.*

OUR PRODUCTS ANIMAL AND HUMAN PRODUCTS

## Animal Sera

- Fetal Bovine Serum, US Origin
- Fetal Bovine Serum, USDA Approved
- Fetal Bovine Serum, Australian Origin
- Fetal Bovine Serum, Non-US
- Adult Bovine Serum (Donor), Non-US, (Research Use)
- Adult Bovine Serum, Non-US, (Industrial Use)
- Fetal Horse Serum
- Adult Horse Serum (Donor)
- Adult Rabbit Serum
- Adult Goat Serum, US Origin
- Adult Guinea Pig Serum

## Custom Processing

- Charcoal Stripping
- Dialysis
- Gamma Irradiation
- Heat Inactivation
- Virus Filtration
- Specific Cell Line Testing
- Private Labeling
- Custom Filling

## Animal By-Products

- BSA Fraction-V, US Origin
- BSA Fraction-V, Australian Origin
- BSA 10%, Non-US
- Alpha-Globulin and Beta-Globulin
- Fetuin (Bovine, Lyophilized)
- Hemo-Peptide-S
- Hemo-Peptide-L
- Rabbit IgG

## Human By-Products

- Human Serum Albumin 25%
- Human Serum Albumin 20%

## Tissue and Animal Organs

Quotes Available Upon Request

**Akron Biotech has developed an innovative line of cell culture products to serve the needs of a rapidly evolving and growing market in the field of Biotechnology.**

**Serum-Free products are replacing traditional cell culture media in an effort to further define and purify the media used. Consequently, additional products used in cell cultures such as cryomedium, also must be animal serum-free.**

O U R P R O D U C T S C E L L C U L T U R E P R O D U C T S

### Serum Free Media

- AK-MEDIA hi
- AK-MEDIA mid
- AK-MEDIA lo
- AK-GROW hi
- AK-GROW lo
- AK-CELL
- AK-MULTICELL
- AK-CHO adh
- AK-CHO sus
- AK-INSECT
- Mouse ES Basal Medium

### Mycoplasma

- MycoSolutions<sup>™</sup> Detection Kit
- MycoSolution<sup>™</sup> - 1
- MycoSolution<sup>™</sup> - 2
- MycoSolution<sup>™</sup> - 3

### Additional Products

- AK-FREEZ
- AK-FIBRONECTIN
- AK-TRYPSIN
- AK-SoyTI
- AK-ECM
- AK-TRANSFERRIN (APO)
- AK-TRANSFERRIN (HOLO)

Custom Media Optimization Services available upon request



**Mail back to info [at] artimmun.eu or send Fax to 49-6195-674222**

Salutation-----Title-----

First Name----- Surname-----

Institution-----

Department-----

Building /Room #------

Street /P O Box-----

Zip Code / City-----

Country -----

Contact requested under Tel: -----e-mail: -----

**Information requested about**

**Raw Material for R&D plus Manufacturing**

Δ Non-Animal Proteins for Cell Culture      Δ Recombinant Proteins      Δ Serum Free Media

Δ Proteins & Sera for [Embryonic] tissue culture      Δ Proteins & Sera for manufacturing

**Δ Secondary antibodies & conjugates**

Δ Special request for:

**Through our cooperation with AlphaScience GmbH [www.alphascience.de](http://www.alphascience.de)**

Δ Miliipore\_Chemicon Infectious Disease Antigens and Antibodies