


# About Serum...



**Animal Sera**  
**Human Sera**  
**Serum Replacements**  
**Serum-free Media**  
**Cell-specific Media**



*Made in Germany since 1988*

**PAN**<sup>TM</sup>  
**BIOTECH**

# Serum and Serum Replacements




## Serum

**Transparent. Reliable. Safe.**

To meet the demands of our clients, PAN-Biotech offers a broad range of serum products. High-quality, extensively tested FBS, NBCS and Bovine Serum from FDA and EU approved regions is continuously available.

PAN-Biotech offers treated sera with a variety of methods from activated charcoal to tetracycline-free serum. All serum is exclusively processed in our own facilities in Aidenbach, Germany.

Serum		Product	Cells	Cat.-No.
		FBS MSC	Mesenchymal stem cells	P30-2612
FBS Premium	Various	P30-3302		
FBS Standard	Various	P30-3306		
FBS Good	Various	P40-37500		
FBS Good Forte	Various	P40-47500		
Human Platelet Lysate	Various	P40-29050		
Human Serum	Various	P30-2401		
Seraclot, Human Serum	Various	P40-3012		
Human Serum, Type AB, male	Various	P30-2901		
Seraclot, Type AB, male, Human Serum	Various	P40-3001		


*...and many more!*

## Serum Replacements

**The future of cell nutrition.**

Panexin, the serum replacement developed by PAN-Biotech can be used for many cell types to replace FBS. Due to carefully selected and pretested raw materials Panexin batches are very homogeneous.

Therefore the complex batch testing known from FBS can be omitted. Until today Panexin has been successfully applied in the industry not only as FBS replacement, but also as an efficient supplement in Feed-Media.

Serum Replacements		Product	Cells	Cat.-No.
		Panexin basic	Various	P04-96950
Panexin NTA	Various adherent cells	P04-95750		
Panexin NTS	Various suspension cells	P04-95850		
Panexin NT-HL1	Hybridoma cells	P04-95570		



# Serum-free Media Cell-specific Media



## Serum-free Media by PAN-Biotech

With more than 16 years of professional experience in providing serum-free solutions for customers worldwide, PAN-Biotech has developed a portfolio of more than 450 different media products for a wide range of cell cultures.

Customers of PAN-Biotech are not only the users of our products but also become part of our extensive network of experts in various fields of cell technology.

### Serum-free Media



Product	Cells	Cat.-No.
Panserin 401	Various	P04-710401
Panserin 293S	HEK cells (suspension)	P04-710609
Panserin 293A	HEK cells (adherent)	P04-710608
Panserin ProVero	Vero cells	P04-710613
Spodopan	Insect cells	P04-850500
Panserin 801	Keratinocytes	P04-710801K
Panserin 701	Lymphocytes	P04-710701
Panserin 413	T-cells, NK-cells, LAK-cells, CIK-cells	P04-71413

*...and many more!*

### Cell specific Media



Product	Cells	Cat.-No.
Endopan 3	Endothelial cells	P04-0010K
Endopan MV	Endothelial cells (microvascular)	P04-0020K
Neuropan	Neuronal cells	P04-00900
PowerStem MSC1	Mesenchymal stem cells	P04-77355K
PowerStem iPS2	Induced pluripotent stem cells	P04-77140K
EMEM Fibroblasts	Fibroblasts	P04-08049

*...and many more!*



*Your expert in cell culture*

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