



Human AB Serum

Cell and Gene Therapy Research

Human AB Serum

Scale the Quantity and Quality of Your Cell and Gene Therapy Research



Viral Testing - Donor Level

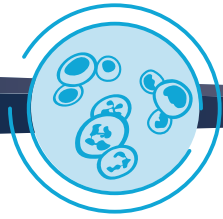
	Plasma-Derived, RUO ✓	Off-the-Clot, RUO ✓	Plasma-Derived, GMP ✓	Off-the-Clot, GMP ✓
HIV 1 RNA	✓	✓	✓	✓
HIV 2 RNA	✓	✓	✓	✓
Anti HIV 1/2	✓	✓	✓	✓
HBV NAT	✓	✓	✓	✓
HBV DNA	✓	✓	✓	✓
Anti HBsAg	✓	✓	✓	✓
HCV RNA		✓	✓	✓
Anti HCV		✓	✓	✓
WNV RNA		✓	✓	✓
CHAGAS				
Syphilis	✓			
Zika	Available Upon Request		Available Upon Request	

Viral Testing - Finished Pool Level

	Plasma-Derived, RUO ✓	Off-the-Clot, RUO ✓	Plasma-Derived, GMP ✓	Off-the-Clot, GMP ✓
HTLV I/II			✓	
Anti-Hbc			✓	
HAV-RNA			✓	
Parvo B19 DNA			✓	
HIV p24			✓	✓
Hepatitis E			9-CFR 113.53	✓
CJD (TSE/BSE)	✓		9-CFR 113.53	
vCJD (TSE/BSE)	✓			



Contact us to receive a copy of the GMP Human AB Serum Quality guide.



Human AB Serum

Cell and Gene Therapy Research

Scalable Cell Culture Supplementation

BioIVT offers Human AB Serum in both Research and GMP grades for your R&D, pre-clinical and manufacturing needs.

Features:

- **Sizing** - 100mL standard, bag-fill custom options available

Our Products

Plasma-Derived Human AB Serum, RUO

Plasma is collected from healthy male donors of the AB serotype and is then defibrinated using bovine thrombin.

Plasma-Derived Human AB Serum, GMP

Same as RUO, but manufactured following GMP guidelines and with additional viral testing.

Off-the-Clot Human AB Serum, RUO

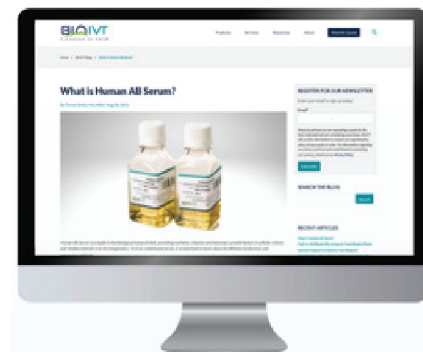
Whole blood is collected from healthy male donors of the AB serotype and is then allowed to clot naturally.

Off-the-Clot Human AB Serum, GMP

Same as RUO, but manufactured following GMP guidelines and with additional viral testing.

Find the Right Product for You

	Plasma-Derived AB Serum	Off-the-Clot AB Serum
Source Material	Plasma	Whole Blood
Donors per Batch	Few	Many
Production Lead Time	Approx. 1-2 weeks	Approx. 3-4 weeks
Chemical Additives	Limited Presence	None
Biological Relevance	Moderate	High
Lot Size	100L	50L



Order BioIVT's Human Serum today!



Human AB Serum

Cell and Gene Therapy Research

Solutions for Every Cell Culture Workflow

Product	Plasma-Derived, RUO	Off-the-Clot, RUO	Plasma-Derived, GMP	Off-the-Clot, GMP
Application	Research and Development		Further Manufacturing Use	
Product Code Bottles	HUMANABSRMP-1	HUMANABSRMC-1	HUMANABSRMPG-1	HUMANABSRMCG-1
Product Code Bags	HUMANABSRMP-2	HUMANABSRMC-2	HUMANABSRMPG-2	HUMANABSRMCG-2
Volume	20/50/100mL	20/50/100mL	20/50/100mL	20/50/100mL
Thrombin	Bovine	None	Bovine	None
Heat Inactivation	Available Upon Request		Available Upon Request	

Specifications:

	Plasma-Derived, RUO	Off-the-Clot, RUO	Plasma-Derived, GMP	Off-the-Clot, GMP
Physical Appearance	Clear, straw yellow		Clear, straw yellow	
pH	7.0-9.0		7.0-9.0	
Osmolality	260-320 mOsm/kg		260-320 mOsm/kg	
Hemoglobin	<25 mg/dl		<25 mg/dl	
Sterility	Sterile		Sterile	
Mycoplasma	Negative		Negative	
Endotoxin	<10 EU/mL		<10 EU/mL	
Glucose	60-140 mg/dl		60-140 mg/dl 1	
Sodium	110-160 mEq/L		10-160 mEq/L	
Potassium Chloride	3.0-5.5 mEq/L		3.0-5.5 mEq/L	
Calcium Phosphorus	100-130 mEq/L		100-130 mEq/L	
Iron	6.5-11.5 mg/dl		6.5-11.5 mg/dl	
Creatine	2.2-7.0 mg/dl		2.2-7.0 mg/dl	
Total Protein	Result		Result	
Albumin	Result		Result	
Total Bilirubin	4.8-8.3 gm/dl		4.8-8.3 gm/dl	
Cholesterol	3.0-5.5 gm/dl		3.0-5.5 gm/dl	
Triglyceride	0.0-1.5 mg/dl		0.0-1.5 mg/dl	
ALT	80-200 mg/dl		80-200 mg/dl	
AST	30-160 mg/dl		30-160 mg/dl	
BUN	Result		Result	
GGT	Result		Result	
Uric Acid	Result		Result	