MILAN ANALYTICA AG
YOUR BIOTECHNOLOGY PARTNER

ANALYSIS CERTIFICATE

Product **Human AB Serum, off-the-clot, heat-inactivated**

Parameter	Acceptable limits
Physical Appearance	Clear, Straw yellow solution
Osmolality*	279-303 mOsm/kg
Hemoglobin	<25 mg/dl
Sterility (USP)	Sterile
Mycoplasma (Bionique – M350)	Negative
Endotoxin (BioWhittaker)	<10 EU/ml

* Calculation: Osmolality = (Na x 2) (Glucose / 18) + (Bun /2.8)

Chemistry	Normal range
Glucose	70 – 118 mg/dl
Sodium	135 – 148 mEq/l
Potassium	3.5 – 5.5 mEq/l
Chloride	95 – 110 mEq/l
BUN	5 – 25 mg/dl
Creatinine	0.5 – 1.4 mg/dl
Uric Acid	2.2 – 8.3 mg/dl
Calcium	8.5 – 11.0 mg/dl
Phosphorus	2.2 – 7.0 mg/dl
Total Protein	6.0 – 8.0 g/dl
Albumin	3.0 – 5.5 g/dl
Total Bilirubin	0.0 – 1.5 mg/dl
ALT (SGPT)	0 – 50 IU/l
Alkaline Phos.	63 – 115 IU/l
AST (SGOT)	7 – 45 IU/l
GGT	0 – 60 IU/l
LDH	100 – 250 IU/l
Cholesterol	80 – 200 mg/dl
Triglyceride	30 – 160 mg/dl
Final Filter	0.1 micron cartridge

Each donor unit used in the preparation of this material was tested and found negative for HBsAg, HIV-1/2, HCV, HIV-1 Ag or HIV-1-NAT, and RPR by FDA approved methods.

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