



Certificate of Analysis

Created September 9, 2016

Product: **Human Serum AB (Off the Clot)**
0.1µm sterile-filtered

Catalog #: 100-318

Lot #: H47R00H

Origin: United States (100%)

Manufacture Date: Aug 2016

Expiration Date: Aug 2021

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Biological Testing			
Endotoxin	USP<85>		2.48 EU/mL
Hemoglobin		Report	2.55 mg/dL
Microbiological Testing			
Sterility			
Bacteria		Not Detected	Not Detected
Fungi		Not Detected	Not Detected
Mycoplasma		Not Detected	Not Detected
Viral Testing Donor			
HBsAg		Non-Reactive	Non-Reactive
HBV		Non-Reactive	Non-Reactive
HCV		Non-Reactive	Non-Reactive
HIV-1/HIV-2		Non-Reactive	Non-Reactive
Syphilis		Negative	Negative
HIV-1/HIV-2-NAT		Not Detected	Not Detected
HCV-NAT		Not Detected	Not Detected
Physical Testing			
Osmolality		260-350 mOsm/kg	291 mOsm/kg
pH @ RT		Report	7.63

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Albumin			4.2 g/dL
ALT (SGPT)			15 U/L
AST (SGOT)			15 U/L
Bilirubin, Total			0.2 mg/dL
BUN			14 mg/dL
Calcium			2.33 mM
Chloride			104 mM
Cholesterol			158 mg/dL
Creatinine			1.04 mg/dL
Glucose			5.61 mM
Phosphorus			1.20 mM
Potassium			4.5 mM
Protein, Total			7.2 g/dL
Sodium			141 mM
Triglycerides			106 mg/dL
Uric Acid			5.6 mg/dL

Results shown were obtained by carefully performed methods believed to be reliable. However, since some results may vary for specific tests depending upon methodology and other variables, it is suggested that tests for which results are particularly important be repeated by the user of this product.

All human blood products are collected from stringently screened donors at FDA-licensed collection centers in the United States. All donors are tested and found to be negative for Indirect Antiglobulin.

Precipitates may develop in this product upon freezing and/or thawing; this occurrence does not impact culture performance.

For further manufacturing or laboratory use. Not for human or animal consumption.



Quality Assurance