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Page

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**PRODUCT DATA SHEET**

**Human Serum Albumin Products Culture Applications**

innoME offers three types of human tissue culture products including, AB Male Serum from Defibrinated Plasma, AB Male Off the Clot Human Serum, & Low Endotoxin Human Serum Albumin.

Human Serum AB Products are:

- 0.1 µm filtered,
- low endotoxin
- sterile
- Positive for growth promotion
- Mycoplasma negative
- Manufactured according to cGMP

**HUMAN SERUM ALBUMIN PRODUCTS:**

Manufactured from downgraded therapeutic human serum albumin. Analytes, solubility, and filterability are all based on a 5% solution.

**HUMAN SERUM ALBUMIN PRODUCTS**

**HA1040 HUMAN SERUM ALBUMIN, LOW ENDOTOXIN**

Test	Specifications	Methodology
Purity	≥ 95%	HPLC
Total Protein (5% Solution)	≥ 4.8 g/dL (5% Solution)	Biuret
Color	Off White	Visual
State	Powder	N/A
Sodium	< 50 mmol/L	ISE
Potassium	< 2.0 mmol/L	ISE
Chloride	< 50 mmol/L	ISE
Calcium	< 1.0 mg/dL	Arsenazo III
pH	6.8 – 7.2	pH Meter
Microbial	< 100 CFU/mL	USP / BAM
Protease	None Detected	Enzymatic Assay
Moisture	≤ 5%	Protein Calculation

\*Minimum order for this product is 10Kg

**HUMAN SERUM AB PRODUCTS**

**SP1075 AB MALE HUMAN SERUM FROM DEFIBRINATED PLASMA**

Test	Specifications	Methodology
Glucose	65 – 105 mg/dL	Hexokinase
Iron	40 – 100 µg/dL	Persijn
Sodium	100 – 160 mmol/L	ISE
Potassium	3.5 – 5.5 mmol/L	ISE
Chloride	85 – 108 mmol/L	ISE
Calcium	5.0 – 10.0 mg/dL	Arsenazo III
Phosphorus	3.0 – 4.0 mg/dL	Phosphomolybdate
Uric Acid	2.5 – 4.5 mg/dL	Uricase/Trinder
Total Protein	4.0 – 7.0 g/dL	Biuret
Triglycerides	50 – 130 mg/dL	GPO
Cholesterol	110 – 210 mg/dL	Enzymatic
Endotoxin	< 10 EU/mL	Kinetic Chromogenic
Mycoplasma	Negative	Direct Culture
Growth Promotion	Positive	USP/EP
Sterility	Pass	Steritest (USP)
Hemoglobin	< 20 mg/dL	Automated Cell Counter
Osmolarity	260 – 340 mOsm/kg	H2O Calculation
pH	7.0 – 9.0	pH Meter

**SP2080 AB MALE HUMAN SERUM FROM OFF THE CLOT**

Test	Specifications	Methodology
Glucose	50 – 180 mg/dL	Hexokinase
Iron	40 – 100 µg/dL	Persijn
Sodium	100 – 160 mmol/L	ISE
Potassium	3.5 – 5.5 mmol/L	ISE
Chloride	85 – 108 mmol/L	ISE
Calcium	5.0 – 10.0 mg/dL	Arsenazo III
Total Protein	4.0 – 7.0 g/dL	Biuret
Triglycerides	50 – 130 mg/dL	GPO
Cholesterol	110 – 210 mg/dL	Enzymatic
Endotoxin	< 10 EU/mL	Kinetic Chromogenic
Mycoplasma	Negative	Direct Culture
Growth Promotion	Positive	USP/EP
Sterility	Pass	Steritest (USP)
Hemoglobin	< 20 mg/dL	Automated Cell Counter
Osmolarity	260 – 340 mOsm/kg	H2O Calculation
pH	7.0 – 9.0	pH Meter
Appearance (color)	Colorless to Brown	Visual
Appearance (form)	Liquid	Visual