

# Certificate of Analysis

**Product Name :** Human Serum from human male AB plasma, USA origin, sterile-filtered  
**Product Number :** H4522-100ML  
**Batch Number :** 0000399449  
Source Batch : 0000399449  
MDL Number : MFCD00165829  
Storage Temperature : -20°C  
Expiry Date : May 2028  
Quality Release Date : 21 Jul 2025

Test	Specification	Result
Appearance (Color)	Colorless to Brown-Yellow to Brown	Brown-Yellow
Appearance (Form)	Liquid	Liquid
Cholesterol	110 - 210 mg/dl	118 mg/dl
Triglyceride	30 - 175 mg/dl	73 mg/dl
Glucose	60 - 140 mg/dl	77 mg/dl
Total Protein g/dl	4.0 - 9.0	4.4
pH	6.5 - 9.0	7.3
Sterility by USP Guidelines	Pass	Pass
Endotoxin Level	≤ 10 EU/ml	< 4 EU/ml
Hemoglobin	≤ 30 mg/dl	< 20 mg/dl
Mycoplasma Test	None Detected	None Detected
Osmolality	260 - 350	279
Expressed in MOSM/KG		
Tested For Infectious Agents	Tested	Tested
Sodium (Na)	100 - 200	136
Expressed in mmol/L		
Source	Conforms	Conforms
Male plasma from donors within the United States of America		
Origin	Conforms	Conforms
Processing country of origin: United States of America		
Iron (ug/dl)	35 - 180	67
Human Source Testing (Source)	Tested	Tested

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

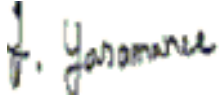
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**Product** H4522-100ML  
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HBSAG	Negative	Negative
HCV	Negative	Negative
HIV-1/HIV-2	Negative	Negative



Jagodige Yasomanee, Supervisor  
Quality Assurance  
St. Louis, Dekalb  
US

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