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## Product Specification

Product Name:  
Human Serum - from human male AB plasma, USA origin, sterile-filtered

Product Number: **H4522**

MDL: MFCD00165829

Storage Temperature: -20 °C

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

Specification: PRD.10.ZQ5.10000007101

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. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.