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Product Specification

Product Name:

IgA from human colostrum - reagent grade, ≥95%, essentially salt-free, lyophilized powder

Product Number: I1010

MDL: MFCD00164090

Storage Temperature: 2 - 8 °C

TEST

Specification

Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Turbidity)	Clear to Hazy
10 mG/mL in 0.85% sodium chloride after 24 hours at 2-8°C	
Solubility (Color)	Colorless
10 mG/mL in 0.85% sodium chloride after 24 hours at 2-8°C	
Solubility (Form)	Solution
10 mG/mL in 0.85% sodium chloride after 24 hours at 2-8°C	
Protein by Absorbance	≥ 70 %
(protein/weight)	
Read at 280 nm, extinction coefficient @ 0.1% = 1.40	
Sodium (ICP)	≤ 2 %
by weight	
Purity by SDS-PAGE	≥ 95 %
IMMUNOELECTROPHORESIS	Conforms
Single arc of precipitation by picture when 50 µG and 250 µG are reacted vs. 100 µL of anti-human whole serum and anti-human IgA. No arc visible by picture at 50 µG and 250 µG vs 100 µL of anti-human IgG and anti-human IgM.	
Human Source (HIV 1/2)	Negative
Human Source (HCV)	Negative
Human Source (HbSAg)	Negative

Specification: PRD.1.ZQ5.10000010936

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. 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.