

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

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	
Protein by Absorbance (protein/weight) Read at 280 nm, extinction coefficient @ 0.1% = 1.40	≥ 70 %
Sodium (ICP) by weight	≤ 2 %
Purity by SDS-PAGE	≥ 95 %
IMMUNOELECTROPHORESIS Single arc of precipitation by picture with anti-human whole and anti-human IgA. No arc visible by picture with of anti-human IgG	Conforms
Human Source (HIV 1/2)	Negative
Human Source (HCV)	Negative

Specification: PRD.2.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.

