

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:
IgG1, Kappa from human myeloma plasma - purified immunoglobulin, >95% (SDS-PAGE)

Product Number: **I5154**

MDL: MFCD00163924

Storage Temperature: -20 °C

TEST	Specification
Appearance (Turbidity)	Clear to Slightly Hazy
Appearance (Color)	Colorless
Appearance (Form)	Solution
IMMUNOELECTROPHORESIS	Conforms
Single arc of precipitation when 25 µg is reacted vs 100 µl of anti-Human Whole Serum and 100 µl anti-Human IgG.	
Protein Content	1.00 - 1.25 mg/ml
Indirect ELISA	Conforms
Produces positive reaction, which is comparable to control, versus monoclonal anti-Human IgG1 and anti-Human Kappa.	
< / = 10% Cross Reactivity by ELISA	Conforms
versus monoclonal anti-Human IgG2, anti-Human IgG3, anti-Human IgG4, anti-Human IgM, anti-Human IgA, and anti-Human Lambda.	
Capillary Electrophoresis	≥ 95 %
Human Source Virus Testing	Conforms
Tested and found negative for HBsAg and antibodies to HCV and HIV-1/-2.	

Specification: PRD.2.ZQ5.10000012610

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.