

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:

Anti-Rat IgG (whole molecule) antibody produced in goat - affinity isolated antibody, lyophilized powder

Product Number: **R5130**

MDL: MFCD00162808

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Turbidity)	Clear to Slightly Hazy
Reconstituted to 1 mg/ml with 0.135 M sodium chloride.	
Solubility (Color)	Colorless
Reconstituted to 1 mg/ml with 0.135 M sodium chloride.	
Solubility (Form)	Solution
Reconstituted to 1 mg/ml with 0.135 M sodium chloride.	
Protein Concentration by E280	1.00 - 1.25 mg/ml
Identity by IEP	Conforms
Single arc of precipitation in the gamma region when 100 µg is reacted versus 5 µl normal rat serum containing bromphenol blue and 5 µg rat IgG.	
Purity by IEP	Conforms
Single arc of precipitation in the gamma region when 5 µg is reacted versus 100 µl anti-goat serum and anti-goat IgG	
Titer by SRID	0.5 - 2.0
One milligram reacts with 0.5-2.0 mg Rat IgG	

Specification: PRD.1.ZQ5.10000064882

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.