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Product Specification

Product Name:

Anti-Mouse IgG (γ -chain specific) antibody produced in goat – affinity isolated antibody, lyophilized powder**Product Number:** M1397

MDL: MFCD00162665

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Solid
Solubility (Turbidity)	Clear to Slightly Hazy
Reconstituted with 1 mL of 0.135M sodium chloride.	
Solubility (Form)	Solution
After reconstitution with 1 mL of 0.135 M sodium chloride.	
Protein Concentration by E280	1.00 - 1.50 mg/ml
Extinction Coefficient @ 0.1% = 1.4	
Titer by SRID	0.5 - 2.0 mg
1 mG will react with 0.5-2.0 mG of Mouse IgG	
Purity by IEP	Conforms
Single arc of precipitation when 5 μ g is reacted against 100 μ l of anti-goat whole serum and anti-goat IgG.	
Specificity by IEP	Conforms
Single arc when 100 μ g is reacted against 5 μ l of mouse IgG, and mouse serum containing bromphenol blue.	
Cross-Reactivity	Conforms
by Indirect ELISA: Less than 10% cross-reactivity as compared to reactivity with mouse IgG when tested versus 5 μ g/ml mouse IgM(κ), mouse IgM(λ), and mouse IgA(κ).	

Specification: PRD.1.ZQ5.10000024869

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.