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Product Specification

Product Name:

Anti-Human IgM (μ -chain specific) antibody produced in goat – affinity isolated antibody, lyophilized powderProduct Number: **I0759**

MDL: MFCD00162459

Storage Temperature: 2 - 8 °C

TEST**Specification**

Appearance (Color)	White to Off-White
Appearance (Form)	Solid
Solubility (Turbidity)	Clear to Slightly Hazy
after reconstitution to 1 mg/ml with 0.135 M NaCl	
Solubility (Color)	Colorless
after reconstitution to 1 mg/ml with 0.135 M NaCl	
Solubility (Form)	Solution
after reconstitution to 1 mg/ml with 0.135 M NaCl	
Protein Concentration by E280	1.00 - 1.50 mg/ml
after reconstitution	
Specificity by IEP	Conforms
Single arc of precipitation in the gamma-region when 100 μ g is reacted versus 5 μ L of Normal Human Serum containing bromophenol blue and 5 μ g Human IgM lambda and Human IgM kappa.	
Purity by IEP	Conforms
Single arc of precipitation in the gamma-region when 5 μ g is reacted versus 100 μ L of anti-goat whole serum and 100 μ L anti-goat IgG.	
Cross-Reactivity	Conforms
ODD Cross-reactivity: Line of identity when 25 μ g is reacted vs. 10 μ g of human IgM lambda and human IgM kappa.	
No reaction when 25 μ g is reacted versus 10 μ g of Normal Human IgG, Normal Human IgA, and Bence Jones kappa & lambda.	
Titer by SRID	0.5 - 5.0 mg
1 mg will react with 0.5-5.0 mg of Normal Human IgM.	

Specification: PRD.0.ZQ5.10000069284

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.