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Product Specification

Product Name:

Anti-Human IgM (μ -chain specific) antibody produced in goat - affinity isolated antibody, lyophilized powder

Product 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
Solubility (Form)	Solution
Protein Concentration by E280	1.00 - 1.50 mg/ml
after reconstitution	
Specificity by IEP	Conforms
Single arc of precipitation in the gamma region with Normal Human Serum containing Bromphenol Blue with Human IgM Lambda and Human IgM Kappa.	
Purity by IEP	Conforms
Single arc of precipitation in the gamma-region with anti-Goat Whole Serum and anti-Goat IgG.	
Indirect ELISA	Conforms
Less than 10% of the reactivity vs a 1:1 mixture of Human IgM kappa and Human IgM lambda in a range where the positive reaction is titrating out when tested against the following human source antigens: normal Human IgG, Human IgG Lambda (any subclass), Human IgA Kappa, Human IgA Lambda, Human BJ Kappa and Human BJ Lambda at 5 μ g/ml.	
Titer by SRID	0.5 - 5.0 mg
1 mg will react with 0.5-5.0 mg a 1:1 mixture of Human IgM kappa and Human IgM lambda	

Specification: PRD.3.ZQ5.10000005402

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.

