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## Product Specification

**Product Name:**

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

**Product Number:** **I0759**
**MDL:** MFCD00162459

**Storage Temperature:** 2 - 8 °C

<b>TEST</b>	<b>Specification</b>
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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 titering 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  $\mu$ 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.

