

## Product datasheet for RA050

### Rat IgM Rat Protein

#### Product data:

<b>Product Type:</b>	Native Proteins
<b>Description:</b>	Rat IgM rat protein, 1 mg
<b>Species:</b>	Rat
<b>Protein Source:</b>	Serum
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% pure. This product was prepared from normal serum by a multi-step process which includes delipidation, selective precipitation and tandem molecular sieve chromatography followed by extensive dialysis against the buffer stated above.
<b>Buffer:</b>	State: Liquid (sterile filtered) purified Ig fraction. Buffer System: 0.1M Tris Chloride, 0.5M Sodium Chloride, pH 8.0 with 0.09% (w/v) Sodium Azide as preservative.
<b>Preparation:</b>	Liquid (sterile filtered) purified Ig fraction.
<b>Applications:</b>	Suitable for use as antigen or ligand in immunochemical reactions, as a control or standard in assays, for conjugation and most other immunological methods requiring highly purified immunoglobulins.
<b>Note:</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat Serum and anti-Rat IgM ( $\mu$ chain specific). No reaction was observed against anti-Rat IgG F(c). Some light chain cross reactivity will occur with anti-Rat IgG.
<b>Storage:</b>	Store vial at 2-8°C prior to opening. This product is stable 2-8°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.



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