

HUMAN IgM (myeloma) Whole Molecule

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| Alternate names: | Human Immunoglobulin M |
| Catalog No.: | RA047 |
| Quantity: | 2 mg |
| Concentration: | 10.0 mg/ml (by UV absorbance at 280 nm, E0.1% of 1.18) |
| Species: | Human |
| Source: | Myeloma, Human Serum |
| Format: | State: Liquid (sterile filtered) Purity: 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 below. Buffer System: 0.1 M Tris Chloride, 0.5M Sodium Chloride, pH 8.0 with 0.09% (w/v) Sodium Azide as preservative and no stabilizers |
| Applications: | Can be used as a Control or standard in indirect trapping ELISA for quantitation of antigen in serum using a standard curve, for Immunoprecipitation and for Western blotting. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Description: | Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Human Serum and anti-Human IgM (μ chain specific). No reaction was observed against anti-Human IgG F(c). Some light chain cross-reactivity will occur with anti-Human IgG. |
| Storage: | Store vial at 4°C prior to opening. This product is stable 4°C as an undiluted liquid. 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. Dilute only prior to immediate use. Shelf life: one year from despatch. |
| Caution: | Source material supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis with FDA approved test kits. All units were found to be non-reactive/negative for these tests. Nevertheless, all products from human sources should be handled as potentially infectious. |