



Quantitative Mouse IgM ELISA

ZMC Catalog #: 0801181

FOR RESEARCH USE ONLY. Not for *in vitro* Diagnostic Use

INTENDED USE

The IMMUNO-TEK Mouse IgM ELISA Kit is a rapid, easy to use enzyme-linked immunosorbent assay (ELISA) designed for the measurement of mouse IgM in plasma, serum, hybridoma cell supernatants, ascites or other mouse biological fluids. The kit is especially useful in monitoring the production and purification of mouse monoclonal antibodies. The assay contains ready-to-use reagents and takes less than two hours to perform.

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PRINCIPLE OF THE TEST

Microwells coated with polyclonal antibodies to mouse IgM form the capture phase of the assay. Captured mouse IgM then reacts with detector antibody which is a polyclonal antimouse IgM conjugated with horseradish peroxidase. Enzyme activity in the wells are then quantified using tetramethyl benzidine as a substrate.

REAGENTS

Materials Supplied:

- Microplate, (1x96 well):** Strips coated with goat anti-mouse IgM
- Detector Antibody (12 ml):** Contains conjugated goat anti-mouse IgM peroxidase
- Mouse IgM Standard (5 ml):** Contains mouse IgM and assay diluent
- Assay Diluent (100 ml):** Contains PBS, Triton X-100® and 2-chloroacetamide
- Plate Wash Buffer (125 ml):** Contains PBS, Tween 20® and 2-chloroacetamide
- Substrate (12 ml):** Contains Tetramethyl Benzidine (TMB)
- Stop Solution (12 ml):** Proprietary formulation
- Microtiter Plate Sealers (1 pk):** 10 sealers per pack
- Plastic Bag (1 bag):** For storage of unused microtiter plate strips

® Triton X-100 is a registered trademark of Rohm and Haas. Tween 20 is a registered trademark of Imperial Chemical Industries.

Storage:

Store all kit reagents at 2-8 ° C. Do not freeze.

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Trial Version