IgM (mouse), ELISA kit

The IgM (mouse), ELISA kit is a colorimetric immunometric enzyme immunoassay kit with results in 90 minutes.

The IgM (mouse), EIA kit is a colorimetric immunometric enzyme immunoassay kit with results in 90 minutes. Absorbance is read at 450 nm. Ideal for determining the isotype and concentration of monoclonal antibodies.

Immunoglobulin M (IgM) is an immunoglobulin expressed initially on the surface of B-cells as a monomer of two mu heavy chains and two light chains. Following B-cell activation, IgM is secreted in its pentameric form, consisting of five IgM molecules joined at the base of the Fc domain by a J chain. IgM is the first Immunoglobulin expressed following infection.

Citations: 2 View Online »

Ordering Information

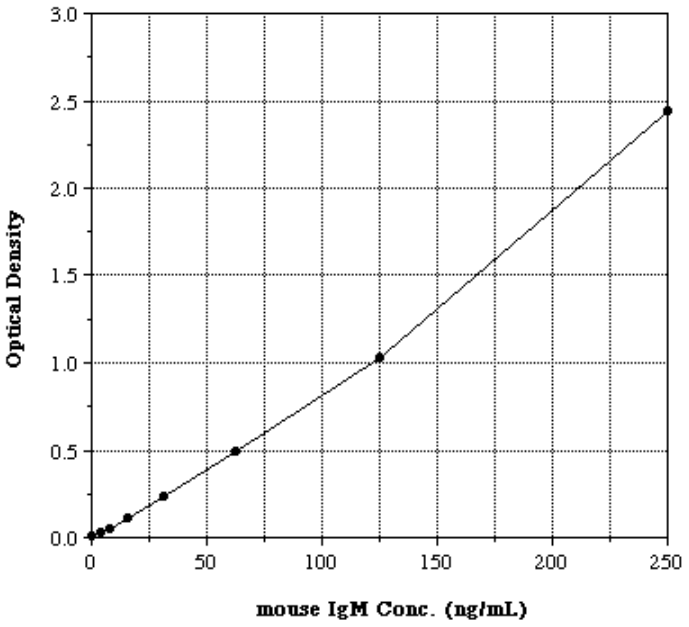
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ADI-900-120	96 wells

Manuals, SDS & CofA

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- Time savings - determine the isotype and concentration of monoclonal antibodies
- Quantitative - suitable in determining concentration
- Specific - no reactivity with other immunoglobulins
- Fast - results from up to 40 samples in duplicate in just 90 minutes


3.0
2.5
2.0
1.5
1.0
0.5
0.0
Optical Density
0
50
100
150
200
250
mouse IgM Conc. (ng/mL)

Handling & Storage

Use/Stability	Store all components at 4°C, except standard at -20°C.
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of IgM in ascites fluid, culture supernatants, and serum of mouse origin.
Assay Time	90 minutes
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	GxM IgG Microtiter plate, mouse IgM conjugate, Assay buffer 13 concentrate, Wash buffer concentrate, mouse IgGM standard, TMB Substrate, Stop solution 2
Crossreactivity	Mouse IgM (100%), rat IgM (60%), human IgM (<0.4%), mouse IgG1 (<0.2%) and <0.10%: mouse IgG2a, mouse IgG2b, mouse IgG3
Sensitivity	0.60 ng/ml (range 3.91 – 250 ng/ml)
Species Reactivity	Mouse
Wavelength	450 nm

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