

IgG₁ (mouse), ELISA kit

Highly specific quantitative ELISA kit with results in 90min

The IgG₁ (mouse), EIA kit is a colorimetric immunometric enzyme immunoassay kit with results in 90 minute. Absorbance is read at 450 nm. Ideal for determining the isotype and concentration of monoclonal antibodies.

Immunoglobulin G (IgG) is an immunoglobulin monomer consisting of two (γ) heavy chains and two light chains. Each IgG molecule contains two antigen binding domains and a single effector (Fc) domain. We offer isotyping kits and antibodies in a variety of formats for the detection of human, mouse, rabbit, rat, sheep, and goat IgG.

Citations: 1

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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
- Results from up to 40 samples in duplicate in just 90 minutes

Ordering Information

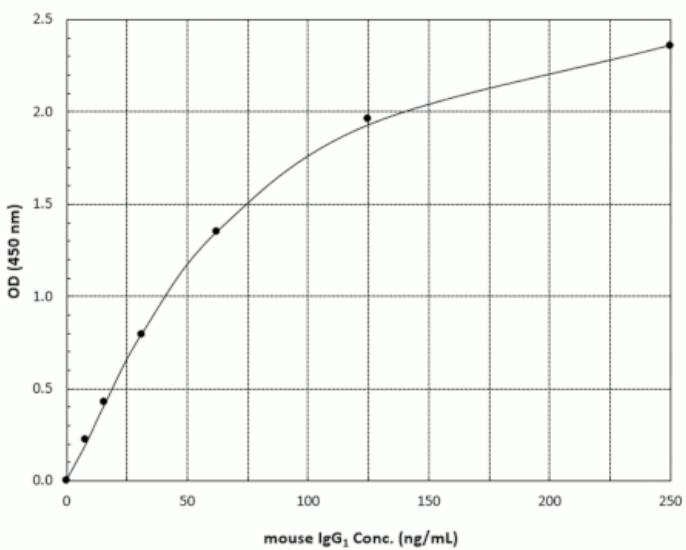
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ADI-900-109A

96 wells

Manuals, SDS & CofA

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Handling & Storage

Use/Stability	Store all components at 4°C, except the conjugate concentrate at -20°C.
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of IgG ₁ in 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 IgG1 conjugate concentrate, Assay buffer 13 concentrate, Wash buffer concentrate, mouse IgG1 conjugate diluent, mouse IgG1 standard, TMB Substrate, Stop solution 2
Crossreactivity	Mouse IgG1 (100%), rat IgG1 (0.90%), mouse IgG2b (0.21%) and <0.01%: human IgG1, mouse IgG2a, mouse IgG3, mouse IgM
Sensitivity	0.116 ng/mL (range 7.81 – 250 ng/ml)
Species Reactivity	Mouse

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