

Mouse Immunoglobulin G, IgG ELISA Kit | IgG elisa kit

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CATALOG #
AAA309847

REACTIVITY
Mouse

PRODUCT SYNONYMS

Immunoglobulin G; IgG; Mouse Immunoglobulin G; IgG ELISA Kit; IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IgG. No significant cross-reactivity or interference between mouse IgG and analogues was observed.
Samples	Serum, plasma, cell culture supernates, urine, tissue homogenates
Assay Type	Quantitative Competitive
Detection Range	125 ng/ml-8000 ng/ml
Sensitivity	< 29 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Store at 4 degree C

ADDITIONAL INFORMATION

Related Product Information for IgG elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with mouse IgG. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for mouse IgG. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of mouse IgG in samples. The color development is stopped and the intensity of the color is measured.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/immunoglobulin-g-igg/309847>