

Human IgG ELISA Kit | IgG elisa kit

Human IgG (Total) ELISA Kit

CATALOG #
AAA281407

REACTIVITY
Human

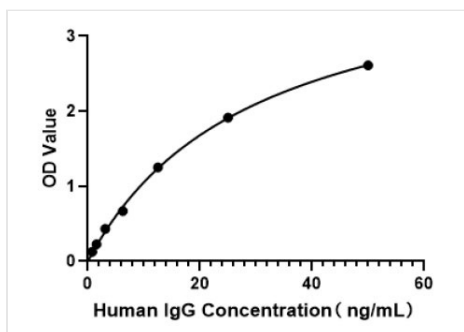
PRODUCT SYNONYMS

IgG; Human IgG (Total) ELISA Kit; IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IgG. No significant cross-reactivity or interference between IgG and analogues was observed.
Sequence Length	476
Assay Type	Quantitative Sandwich
Detection Range	0.78-50ng/mL
Sensitivity	< 0.4ng/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level IgG were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level IgG were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgG elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IgG in human serum, plasma, cell culture supernatants and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for IgG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IgG present is bound by the immobilized antibody. Following incubation unbound samples are removed during a wash step, and enzyme conjugate detection antibody is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of IgG bound in the initial step. The color development is stopped and the absorbance is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	185362
NCBI Official Full Name	IgG

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/human-elisa-kits/igg/281407>