

Immunoglobulin G ELISA Kit | IgG elisa kit

Rat Immunoglobulin G ELISA Kit

CATALOG #
AAA37850

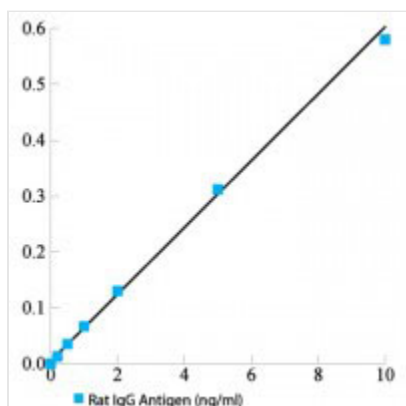
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Sequence Length	464
Preparation and Storage	Store at 4 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for IgG elisa kit

Immunoglobulin G (IgG) is the most abundant immunoglobulin in serum and is predominately involved in the secondary immune response. The IgG subclasses are designated 1, 2, 3 and 4 based on their relative prevalence in serum. The sensitive quantitative measurement of total rat IgG antigen in serum, plasma, hybridoma cell supernatants, ascites or other biological fluid samples is easily performed with this 96 well strip format ELISA kit. The assay does not distinguish IgG subclasses. The kit does not cross react significantly with mouse, human, rabbit, cyno monkey, horse, dog, sheep or pig IgG. The concentration of IgG in normal rat serum ranges from 1.7 to 5.0 mg/ml. The assay measures rat IgG in the 0.2-250 ng/ml range. Samples giving rat IgG levels above 250 ng/ml should be diluted in blocking buffer before use. A 1:200,000 to 1:2,000,000 dilution for serum is suggested for best results. Rat IgG will bind to the capture antibody coated on the microtiter plate. After appropriate washing steps, peroxidase labeled anti-rat IgG primary antibody binds to the captured protein. Excess antibody is washed away and TMB substrate is used for color development at 450nm. Color development is proportional to the concentration of rat IgG in the samples. A standard calibration curve is prepared in blocking buffer using dilutions of purified rat IgG and is measured along with the test samples. All reagents and standards are provided in these ELISA kits.

Product Categories/Family for IgG elisa kit

[Immunoglobulin ELISA Kits](#); [Rat Immunoglobulin ELISA Kits](#); [Rat Kits](#)

NCBI AND UNIPROT INFORMATION

NCBI GI # [21538829](#)

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/igg-elisa-kits/immunoglobulin-g/37850>