

Rat IgG (Immunoglobulin G) ELISA Kit | IgG elisa kit

QuickKey Pro Rat IgG (Immunoglobulin G) ELISA Kit

CATALOG #
AAA177904

REACTIVITY
Rat

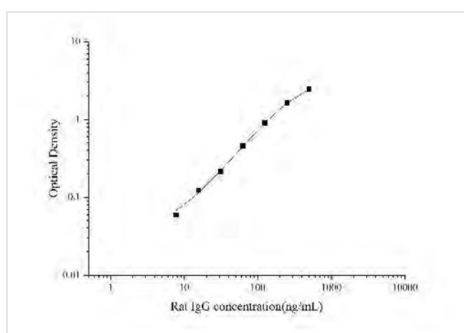
PRODUCT SYNONYMS

IgG (Immunoglobulin G); QuickKey Pro Rat IgG (Immunoglobulin G) ELISA Kit; Immunoglobulin G; IgG; IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat IgG in samples. No significant crossreactivity or interference between Rat IgG and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Rat serum and plasma samples
Detection Range	7.81-500 ng/mL
Sensitivity	2.98 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat IgG were tested 20 times on one plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8° for 6 months. After test, the unused wells and reagents should be stored according to the table/manual.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgG elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat IgG. Samples (or Standards) and Horseradish Peroxidase (HRP) linked antibody specific for Rat IgG are added to the micro ELISA plate wells. Rat IgG in samples (or standards) combines with the coated antibody and HRP linked detection antibody special to Rat IgG. Excess conjugate and unbound sample or standard are washed from the plate. The substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450±2 nm. The OD value is proportional to the concentration of Rat IgG. The concentration of Rat IgG in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of IgG concentrations in Rat serum and plasma samples. Please contact tech-support for other sample type detection..
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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/rat-elisa-kits/igg-immunoglobulin-g/177904>