

Goat Immunoglobulin G ELISA Kit | IgG elisa kit

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CATALOG #
AAA94294

REACTIVITY
Goat

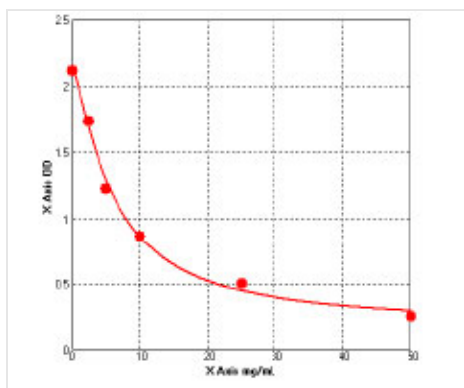
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 mg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgG elisa kit

Intended Uses: This IgG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat IgG. This ELISA kit for research use only!

Principle of the Assay: IgG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IgG antibody and an IgG-HRP conjugate. The assay sample and buffer are incubated together with IgG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IgG concentration since IgG from samples and IgG-HRP conjugate compete for the anti-IgG antibody binding site. Since the number of sites is limited, as more sites are occupied by IgG from the sample, fewer sites are left to bind IgG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IgG concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IgG elisa kit	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21538829
NCBI Official Full Name	immunoglobulin G

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-goat-elisa-kits/immunoglobulin-g/94294>