

Guinea Pig Immunoglobulin G2 (IgG2) ELISA Kit | IgG2 elisa kit

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CATALOG #
AAA182295

REACTIVITY
Guinea Pig

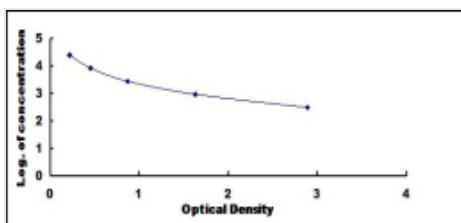
PRODUCT SYNONYMS

Immunoglobulin G2 (IgG2); Guinea pig Immunoglobulin G2 (IgG2) ELISA Kit; IGHG2; Ig Gamma-2 Chain C Region; Immunoglobulin Heavy Constant Gamma 2; G2m Marker; Immunoglobulin Gm2; IgG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Immunoglobulin G2 (IgG2). No significant cross-reactivity or interference between Immunoglobulin G2 (IgG2) and analogues was observed.
Assay Type	Competitive Inhibition
Samples	Serum, Plasma and Other Biological Fluids
Detection Range	308.64-25000ng/mL
Sensitivity	< 124.5ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Immunoglobulin G2 (IgG2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Immunoglobulin G2 (IgG2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgG2 elisa kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Immunoglobulin G2 (IgG2) will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Immunoglobulin G2 (IgG2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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://stage.aaabiotech.com/guinea-pig-pig-elisa-kits/immunoglobulin-g2-igg2/182295>