

Rabbit Immunoglobulin G4 ELISA Kit | IgG4 elisa kit

Rabbit Immunoglobulin G4 ELISA Kit

CATALOG #
AAA94248

REACTIVITY
Rabbit

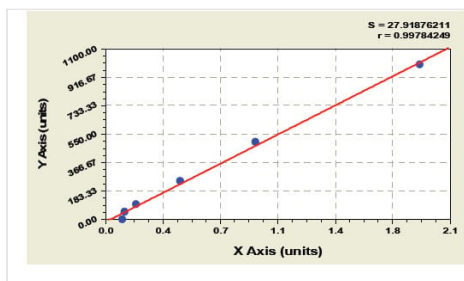
PRODUCT SYNONYMS

Immunoglobulin G4; Rabbit Immunoglobulin G4 ELISA Kit; IgG4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Intended Uses	This IgG4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit IgG4. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IgG4 elisa kit

Principle of the Assay: IgG4 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IgG4. Standards or samples are then added to the microtiter plate wells and IgG4 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IgG4 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for IgG4 are added to each well to "sandwich" the IgG4 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IgG4 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IgG4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IgG4 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	385843998
NCBI Official Full Name	immunoglobulin G4 heavy chain variable region, partial

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/igg4-rabbit-elisa-kits/immunoglobulin-g4/94248>