

Monkey Gastrin cell antibody ELISA Kit | GCA elisa kit

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CATALOG #
AAA91685

REACTIVITY
Monkey

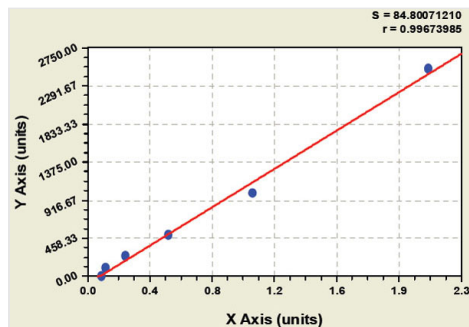
PRODUCT SYNONYMS

Gastrin cell antibody; Monkey Gastrin cell antibody ELISA Kit; GCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This GCA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey GCA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GCA elisa kit

Principle of the Assay: GCA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GCA. Standards or samples are then added to the microtiter plate wells and GCA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GCA present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for GCA are added to each well to "sandwich" the GCA 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 GCA 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 GCA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	755218
Molecular Weight	36,399 Da
NCBI Official Full Name	GCA
UniProt Protein Name	GDP-mannose 4,6-dehydratase
UniProt Gene Name	gmd
UniProt Synonym Gene Names	gca; PA5453
UniProt Entry Name	GM4D_PSEAE

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/gca-monkey-elisa-kits/gastrin-cell-antibody/91685>