

Rabbit Gamma-aminobutyric acid ELISA Kit | GABA elisa kit

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CATALOG #
AAA83030

REACTIVITY
Rabbit

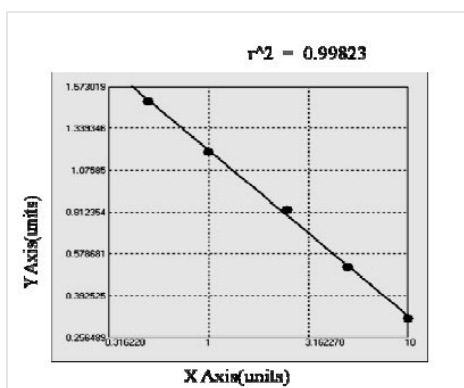
PRODUCT SYNONYMS

Gamma-aminobutyric acid; Rabbit Gamma-aminobutyric acid ELISA Kit; Gamma-aminobutyric acid (Rabbit); GABA elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GABA elisa kit

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

Principle of the Assay||Gamma-aminobutyric acid ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-Gamma-aminobutyric acid antibody and an Gamma-aminobutyric acid-HRP conjugate. The assay sample and buffer are incubated together with Gamma-aminobutyric acid-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 Gamma-aminobutyric acid concentration since Gamma-aminobutyric acid from samples and Gamma-aminobutyric acid-HRP conjugate compete for the anti-Gamma-aminobutyric acid antibody binding site. Since the number of sites is limited, as more sites are occupied by Gamma-aminobutyric acid from the sample, fewer sites are left to bind Gamma-aminobutyric acid-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Gamma-aminobutyric acid concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	170592096
NCBI GeneID	6104228
NCBI GenBank Nucleotide #	XP_001900805.1
NCBI Official Full Name	Gaba
NCBI Official Symbol	Bm1_46715
NCBI Protein Information	Gaba

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/gaba-rabbit-elisa-kits/gamma-aminobutyric-acid/83030>