

Goat Neuroglobin ELISA Kit | NGB elisa kit

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CATALOG #
AAA89481

REACTIVITY
Goat

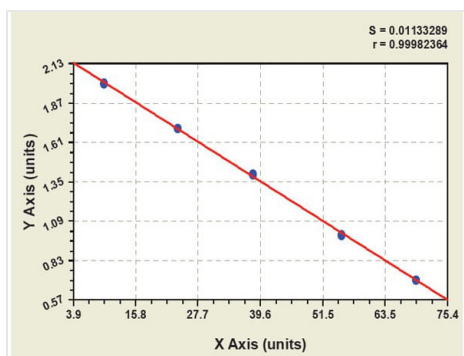
PRODUCT SYNONYMS

Neuroglobin; Goat Neuroglobin ELISA Kit; NGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This NGB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat NGB. 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 NGB elisa kit

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

Product Categories/Family for NGB elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	10864065
NCBI GeneID	58157
NCBI Accession #	NP_067080.1
NCBI GenBank Nucleotide #	NM_021257.3
UniProt Accession #	Q9NPG2
Molecular Weight	16,933 Da
NCBI Official Full Name	neuroglobin
NCBI Official Synonym Full Names	neuroglobin
NCBI Official Symbol	NGB
NCBI Protein Information	neuroglobin
UniProt Protein Name	Neuroglobin
UniProt Gene Name	NGB
UniProt Entry Name	NGB_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ngb-goat-elisa-kits/neuroglobin/89481>