

Human NGB (Neuroglobin) CLIA Kit | NGB clia kit

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CATALOG #
AAA170963

REACTIVITY
Human

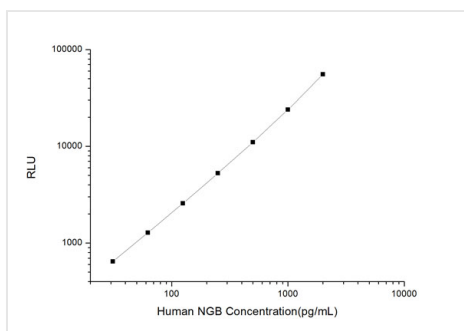
PRODUCT SYNONYMS

NGB (Neuroglobin); Human NGB (Neuroglobin) CLIA Kit; NGB clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant NGB. No significant cross-reactivity or interference between NGB and analogues was observed.
Sequence Length	151
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NGB clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of NGB concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to NGB. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NGB and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain NGB, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of NGB. You can calculate the concentration of NGB in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10864065
NCBI GeneID	58157
NCBI Accession #	NP_067080.1
NCBI GenBank Nucleotide #	NM_021257.3
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/human-clia-kits/ngb-neuroglobin/170963>