

Human Cytoglobin (CYGB) ELISA Kit | CYGB elisa kit

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CATALOG #
AAA43124

REACTIVITY
Human

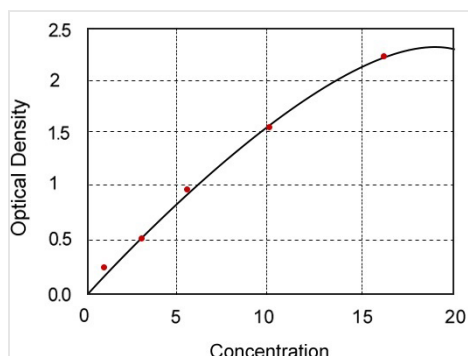
PRODUCT SYNONYMS

Cytoglobin (CYGB); Human Cytoglobin (CYGB) ELISA Kit; CYGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	190
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 200ng/ml
Sensitivity	0.31ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYGB elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cytoglobin (also known as CYGB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CYGB antibody. CYGB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CYGB Antibody is added and binds to CYGB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYGB Antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CYGB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19549331
NCBI GeneID	114757
NCBI Accession #	NP_599030.1
NCBI GenBank Nucleotide #	NM_134268.4
UniProt Accession #	Q8WWM9; Q541Y7; Q8N2X5
Molecular Weight	21,405 Da
NCBI Official Full Name	cytoglobin
NCBI Official Synonym Full Names	cytoglobin
NCBI Official Symbol	CYGB
NCBI Official Synonym Symbols	HGB; STAP
NCBI Protein Information	cytoglobin
UniProt Protein Name	Cytoglobin
UniProt Gene Name	CYGB
UniProt Synonym Gene Names	STAP; HGb

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-elisa-kits/cytoglobin-cygb/43124>