

Rat CYGB/Cytoglobin ELISA Kit | CYGB elisa kit

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CATALOG #
AAA196773

REACTIVITY
Rat

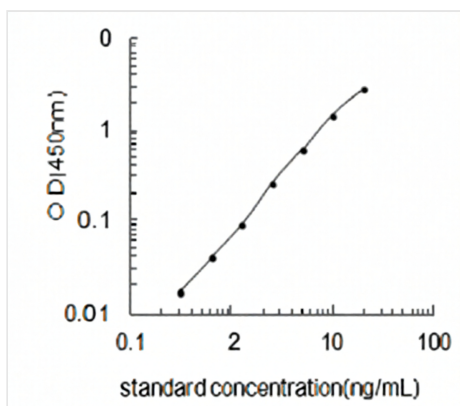
PRODUCT SYNONYMS

CYGB/Cytoglobin; Rat CYGB/Cytoglobin ELISA Kit; Cytoglobin; Histoglobin; HGb; Stellate cell activation-associated protein; Stap; CYGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Cytoglobin
Sequence Length	190
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	<0.11 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.5%
Inter-assay Precision	Inter-Assay CV: <=8.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYGB elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18543351
NCBI GeneID	170520
NCBI Accession #	NP_570100.1
NCBI GenBank Nucleotide #	NM_130744.2
UniProt Accession #	Q921A4
NCBI Official Full Name	cytoglobin
NCBI Official Synonym Full Names	cytoglobin
NCBI Official Symbol	Cygb
NCBI Official Synonym Symbols	Glnf; Stap; Staap
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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/cygb-cytoglobin/196773>