

Mouse Glycoprotein Ib Beta Polypeptide, Platelet (GP1Bb) ELISA Kit | GP1Bb elisa kit

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CATALOG #
AAA67661

REACTIVITY
Mouse

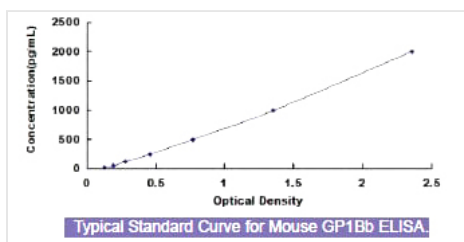
PRODUCT SYNONYMS

Glycoprotein Ib Beta Polypeptide; Platelet (GP1Bb); Mouse Glycoprotein Ib Beta Polypeptide; Platelet (GP1Bb) ELISA Kit; CD42c;CD42-c; GP1-BB; GPIB-B; GP1Bb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GP1Bb. No significant cross-reactivity or interference between GP1Bb and analogues was observed.
Sequence Length	206
Samples	Plasma.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	14.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GP1Bb were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GP1Bb were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP1Bb elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GP1Bb in mouse plasma. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GP1Bb. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GP1Bb. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GP1Bb, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of GP1Bb 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 #	6754040
NCBI GeneID	14724
NCBI Accession #	NP_034457.1
NCBI GenBank Nucleotide #	NM_010327.2
UniProt Accession #	P56400
Molecular Weight	21,763 Da
NCBI Official Full Name	platelet glycoprotein Ib beta chain isoform 2
NCBI Official Synonym Full Names	glycoprotein Ib, beta polypeptide
NCBI Official Symbol	Gp1bb
NCBI Protein Information	platelet glycoprotein Ib beta chain
UniProt Protein Name	Platelet glycoprotein Ib beta chain
UniProt Gene Name	Gp1bb
UniProt Synonym Gene Names	GP-Ib beta; GPIb-beta; GPIbB

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/mouse-elisa-kits/glycoprotein-ib-beta-polypeptide-platelet-gp1bb/67661>