

Human Fc fragment of IgG, low affinity IIb, receptor (CD32) ELISA Kit | FCGR2B elisa kit

Human Low affinity immunoglobulin gamma Fc region receptor II-b, FCGR2B ELISA Kit

CATALOG #
AAA18273

REACTIVITY
Human

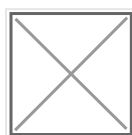
PRODUCT SYNONYMS

Fc fragment of IgG; low affinity IIb; receptor (CD32); Human Low affinity immunoglobulin gamma Fc region receptor II-b; FCGR2B ELISA Kit; Human Low affinity immunoglobulin gamma Fc region receptor II-b (FCGR2B) ELISA kit; CD32; CD32B; FCG2; FCGR2; IGFR2; low affinity II; receptor for (CD32) ; receptor; Fc; FCGR2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FCGR2B. No significant cross-reactivity or interference between human FCGR2B and analogues was observed.
Sequence Length	290
Samples	Serum, plasma, tissue homogenates and cell lysates.
Detection Range	0.625 ng/ml -40 ng/ml.
Sensitivity	The minimum detectable dose of human FCGR2B is typically less than 0.156 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Assay Type	Sandwich
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FCGR2B elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FCGR2B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FCGR2B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FCGR2B is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FCGR2B bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50511932
NCBI GeneID	2213
NCBI Accession #	NP_001002273.1
NCBI GenBank Nucleotide #	NM_001002273.2
UniProt Accession #	P31994; O95649; Q53X85; Q5VXA9; Q8NIA1; A6H8N3
Molecular Weight	34,044 Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-b isoform 2
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIb, receptor (CD32)
NCBI Official Symbol	FCGR2B
NCBI Official Synonym Symbols	CD32; FCG2; CD32B; FCGR2; IGFR2
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b; CDw32; fcRII-b; Fc gamma RIIB; fc-gamma-RIIB; fc-gamma RII-b; iG Fc receptor II-b; Fc fragment of IgG, low affinity II, receptor for (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD32)
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-b
UniProt Gene Name	FCGR2B
UniProt Synonym Gene Names	CD32; FCG2; IGFR2; IgG Fc receptor II-b; Fc-gamma-RIIB; FcRII-b
UniProt Entry Name	FCG2B_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.

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Online datasheet: <https://stage.aaabiotech.com/fcgr2b-human-elisa-kits/fc-fragment-of-igg-low-affinity-iib-receptor-cd32/18273>