

Human CD32/FCGR2b/c ELISA Kit | FCGR2B elisa kit

Human CD32/FCGR2b/c PicoKine ELISA Kit

CATALOG #
AAA45987

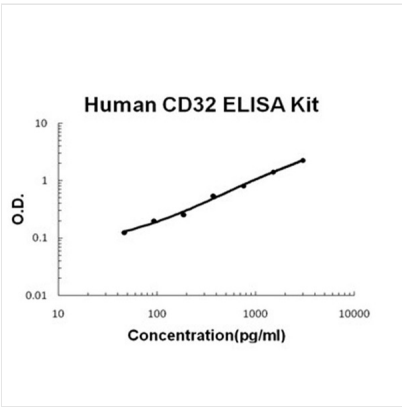
REACTIVITY
Human

PRODUCT SYNONYMS

CD32/FCGR2b/c; Human CD32/FCGR2b/c PicoKine ELISA Kit; Low affinity immunoglobulin gamma Fc region receptor II-b; Fc fragment of IgG; low affinity IIb; receptor (CD32); CD 32; CD32; CD32 antigen; CD32A; CD32B; CD32C; CDw32; Fc fragment of IgG low affinity II receptor for (CD32); Fc fragment of IgG low affinity IIa receptor; Fc fragment of IgG low affinity IIa receptor for (CD32); Fc fragment of IgG low affinity IIb receptor; Fc fragment of IgG low affinity IIb receptor for (CD32); Fc fragment of IgG low affinity IIc receptor; Fc fragment of IgG low affinity IIc receptor for (CD32); Fc gamma receptor IIb; Fc gamma RII a; Fc gamma RII b; Fc gamma RII c; Fc gamma RIIa; Fc gamma RIIb ; Fc gamma RIIC; Fc receptor; IgG; Fc-gamma RII-a; Fc-gamma RII-b; Fc-gamma RII-c; Fc-gamma-RIIa; FC-gamma-RIIB; Fc-GAMMA-RIIC; Fc[g]RII; FCG 2; FCG2; FCG2A_HUMAN; FcgammaRIIC; FCGR 2; FcGR; FCGR2; FCGR2A; FCGR2A1; FCGR2B; FCGR2C; Fcgr3; Fcgr3a; FcgRII; Fcr-2; Fcr-3; FcRII a; FcRII; FcRII b; FcRII c; FcRII-a; FcRIIC; IGFR 2; IGFR2; IgG Fc receptor II a; IgG Fc receptor II b; IgG Fc receptor II beta; IgG Fc receptor II c; IgG Fc receptor II-a; IgG Fc receptor II-b; IgG Fc receptor II-c; Immunoglobulin G Fc receptor II; Low affinity; immunoglobulin gamma Fc region receptor II a; Low affinity immunoglobulin gamma Fc region receptor II; Low affinity immunoglobulin gamma Fc region receptor II b; Low affinity immunoglobulin gamma Fc region receptor II c; Low affinity immunoglobulin gamma Fc region receptor II-a; Low affinity immunoglobulin gamma Fc region receptor II-c; Ly-17; Ly-m20; LyM-1; Lymphocyte antigen 17; MGC23887; MGC30032; FCGR2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CD32
Sequence Length	310
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	46.9pg/ml-3000pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)



Standard Curve (Sample)
Human CD32/FCGR2b/c PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for FCGR2B elisa kit	Principle of the assay: human CD32 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CD32 has been precoated onto 96-well plates. Standards(NSO, A46-P217) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CD32 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human CD32 amount of sample captured in plate. Background: CD32 is a surface receptor protein and part of a large population of B cell co-receptors, which act to modulate signaling. It has a low-affinity for IgG antibodies and down-regulates antibody production in the presence of IgG. This feedback loops essentially lowers the production of IgG produced by B cells when there is a surplus in the body.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8039788
NCBI GeneID	2213
UniProt Accession #	P31994; O95649; Q53X85; Q5VXA9; Q8NIA1; A6H8N3
Molecular Weight	33,450 Da
NCBI Official Full Name	Low affinity immunoglobulin gamma Fc region receptor II-b
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; igG 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/human-elisa-kits/cd32-fcgr2b-c/45987>