

Human FcgammaR II/CD32 ELISA Kit | FcgammaR II/CD32 elisa kit

Human FcgammaR II/CD32 (Receptor II for the Fc Fragment of IgG) ELISA Kit

CATALOG #
AAA165721

REACTIVITY
Human

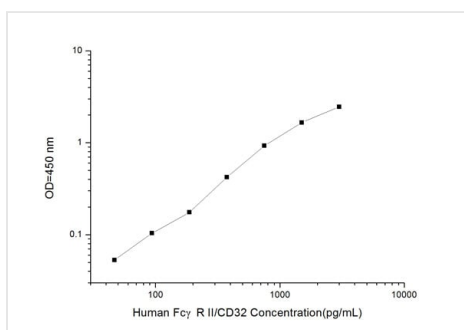
PRODUCT SYNONYMS

FcgammaR II/CD32; Human FcgammaR II/CD32 (Receptor II for the Fc Fragment of IgG) ELISA Kit; FcgammaR II/CD32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FcgammaR II/CD32. No significant cross-reactivity or interference between Human FcgammaR II/CD32 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human FcgammaR II/CD32 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	293
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	46.875-3000pg/mL
Sensitivity	Min: 28.125pg/mL; Max: 3000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FcgammaR II/CD32 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FcgammaR II/CD32 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human FcgammaR II/CD32. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human FcgammaR II/CD32 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human FcgammaR II/CD32, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human FcgammaR II/CD32. You can calculate the concentration of Human FcgammaR II/CD32 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23272957
NCBI GeneID	14130
UniProt Accession #	P08101; P08102; P12316; P97917; Q60938; Q60939; Q60940; Q61170; Q61558
Molecular Weight	– Da
NCBI Official Full Name	Fc receptor, IgG, low affinity IIb
NCBI Official Synonym Full Names	Fc receptor, IgG, low affinity IIb
NCBI Official Symbol	Fcgr2b
NCBI Official Synonym Symbols	CD32; Fcgr2; Fcr-2; Fcr-3; Ly-17; LyM-1; Lym-1; fcRII; FcgRII; Fcgr2a; Ly-m20; A1528646; Fc[g]RII; F630109E10Rik
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b; Fc gamma RIIB; Fc-gamma-RII; FcgammaRIIB; fc gamma receptor IIB; fc-gamma RII; fc-gamma-RIIB; igG Fc receptor II beta; lymphocyte antigen 17
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II
UniProt Gene Name	Fcgr2
UniProt Synonym Gene Names	Fcgr2b; Ly-17; Fc-gamma RII; Fc-gamma-RIIB; FcRII; Ly-17
UniProt Entry Name	FCGR2_MOUSE

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.