

Mouse Low affinity immunoglobulin gamma Fc region receptor II ELISA Kit | Fcgr2 elisa kit

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CATALOG #
AAA56514

REACTIVITY
Mouse

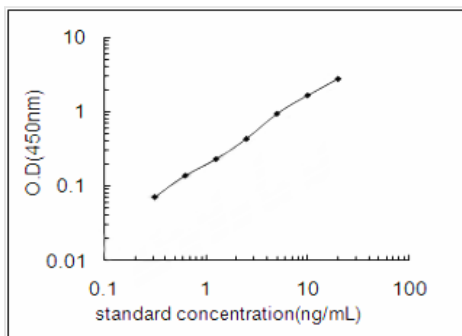
PRODUCT SYNONYMS

Low affinity immunoglobulin gamma Fc region receptor II; Mouse Low affinity immunoglobulin gamma Fc region receptor II ELISA Kit; Fcgr2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Low affinity immunoglobulin gamma Fc region receptor II. No significant cross-reactivity or interference was observed.
Sequence Length	341
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.188 ng/mL
Intra-Assay CV	<=3.6%
Inter-Assay CV	<=5.7%
Recovery	101%
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 Fcgr2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Low affinity immunoglobulin gamma Fc region receptor II. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Low affinity immunoglobulin gamma Fc region receptor II and 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 Low affinity immunoglobulin gamma Fc region receptor II, 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 Low affinity immunoglobulin gamma Fc region receptor II 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 #	6857783
NCBI GeneID	14130
NCBI Accession #	NP_034317.1
NCBI GenBank Nucleotide #	NM_010187.2
UniProt Accession #	P08101; P08102; P12316; P97917; Q60938; Q60939; Q60940; Q61170; Q61558
Molecular Weight	– Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-b isoform 2
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; AI528646; Fc[g]RII; F630109E10Rik
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b
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.

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Online datasheet: <https://stage.aaabiotech.com/fcgr2-mouse-elisa-kits/low-affinity-immunoglobulin-gamma-fc-region-receptor-ii/56514>