

Mouse High affinity immunoglobulin gamma Fc receptor I ELISA Kit | Fcgr1 elisa kit

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CATALOG # AAA56340	REACTIVITY Mouse
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PRODUCT SYNONYMS

High affinity immunoglobulin gamma Fc receptor I; Mouse High affinity immunoglobulin gamma Fc receptor I ELISA Kit; Fcgr1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse IgG Fc receptor I. No significant cross-reactivity or interference was observed.
Sequence Length	374
Assay Type	Sandwich
Detection Range	31.2-2000 pg/ml
Sensitivity	15.74 pg/mL
Intra-Assay CV	<=6.2%
Inter-Assay CV	<=7.7%
Recovery	102%
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 Fcgr1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IgG Fc receptor I. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IgG Fc receptor I 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 IgG Fc receptor I, 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 IgG Fc receptor I 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 #	6753832
NCBI GeneID	14129

NCBI Accession #	NP_034316.1
NCBI GenBank Nucleotide #	NM_010186.5
UniProt Accession #	P26151
Molecular Weight	44,888 Da
NCBI Official Full Name	high affinity immunoglobulin gamma Fc receptor I
NCBI Official Synonym Full Names	Fc receptor, IgG, high affinity I
NCBI Official Symbol	Fcgr1
NCBI Official Synonym Symbols	CD64; IGGHAFc; AI323638; AV092959; FcgammaRI
NCBI Protein Information	high affinity immunoglobulin gamma Fc receptor I
UniProt Protein Name	High affinity immunoglobulin gamma Fc receptor I
UniProt Gene Name	Fcgr1
UniProt Synonym Gene Names	Fcg1; IgG Fc receptor I; FcRI
UniProt Entry Name	FCGR1_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/fcgr1-mouse-elisa-kits/high-affinity-immunoglobulin-gamma-fc-receptor-i/56340>