

Human Fcgamma ELISA Kit | Fcgamma elisa kit

Human Fcgamma (Fc Fragment of IgG) ELISA Kit

CATALOG #
AAA21616

REACTIVITY
Human

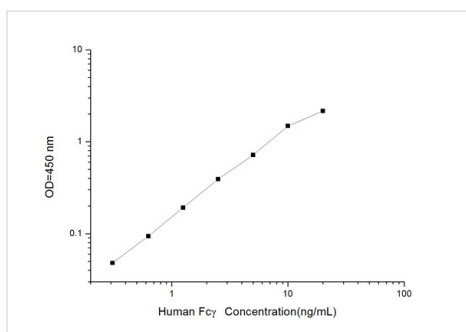
PRODUCT SYNONYMS

Fcgamma; Human Fcgamma (Fc Fragment of IgG) ELISA Kit; Fcgamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human Fcgamma in samples. No significant cross-reactivity or interference between Human Fcgamma and analogues was observed.
Sequence Length	249
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human Fcgamma were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human Fcgamma were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Fcgamma elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human Fcgamma concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human Fcgamma. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human Fcgamma and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human Fcgamma, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Fcgamma. You can calculate the concentration of Human Fcgamma in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224922770
NCBI GeneID	246256
NCBI Accession #	NP_653142.2
NCBI GenBank Nucleotide #	NM_144559.2
NCBI Official Full Name	Fc receptor, IgG, low affinity IV
NCBI Official Synonym Full Names	Fc receptor, IgG, low affinity IV
NCBI Official Symbol	Fcgr4
NCBI Official Synonym Symbols	Fcrl3; CD16-2; FcgRIV; Fcgr3a; FcgammaRIV; 4833442P21Rik
NCBI Protein Information	Fc receptor, IgG, low affinity IV; Fc fragment of IgG, low affinity IIIa, receptor for (CD16); Fc fragment of IgG, low affinity III, receptor for (CD16); Fc gammaRIV; Fc receptor-like 3

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.