

Human Fc fragment of IgG, receptor, transporter, alpha ELISA Kit | FCGRT elisa kit

Human IgG receptor FcRn large subunit p51, FCGRT ELISA Kit

CATALOG #
AAA112908

REACTIVITY
Human

PRODUCT SYNONYMS

Fc fragment of IgG; receptor; transporter; alpha; Human IgG receptor FcRn large subunit p51; FCGRT ELISA Kit; Human IgG receptor FcRn large subunit p51 (FCGRT) ELISA kit; FCRN; alpha-chain; FcRn alpha chain; IgG receptor FcRn large subunit p51; immunoglobulin receptor; intestinal; heavy chain; major histocompatibility complex class I-like Fc receptor; neonatal Fc-recepto; FCGRT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human FCGRT. No significant cross-reactivity or interference between human FCGRT and analogues was observed.
Sequence Length	365
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FCGRT elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for FCGRT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any FCGRT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for FCGRT is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of FCGRT bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862839
NCBI GeneID	2217
NCBI Accession #	NP_001129491.1
NCBI GenBank Nucleotide #	NM_001136019.2
UniProt Accession #	P55899; Q5HYM5; Q9HBV7; Q9NZ19
Molecular Weight	39,743 Da
NCBI Official Full Name	IgG receptor FcRn large subunit p51
NCBI Official Synonym Full Names	Fc fragment of IgG, receptor, transporter, alpha
NCBI Official Symbol	FCGRT
NCBI Official Synonym Symbols	FCRN; alpha-chain
NCBI Protein Information	IgG receptor FcRn large subunit p51; FcRn alpha chain; neonatal Fc receptor; neonatal Fc-receptor for Ig; IgG Fc fragment receptor transporter alpha chain; immunoglobulin receptor, intestinal, heavy chain; major histocompatibility complex class I-like Fc receptor
UniProt Protein Name	IgG receptor FcRn large subunit p51
UniProt Gene Name	FCGRT
UniProt Synonym Gene Names	FCRN; FcRn
UniProt Entry Name	FCGRN_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/fcgrt-human-elisa-kits/fc-fragment-of-igg-receptor-transporter-alpha/112908>