

Human IgG receptor FcRn large subunit p51 ELISA Kit | FCGRT elisa kit

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CATALOG #
AAA99466

REACTIVITY
Human

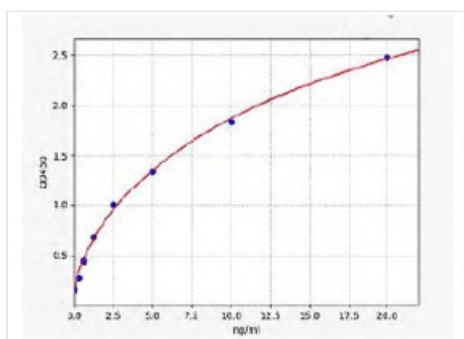
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of FCGRT. No significant cross-reactivity or interference between FCGRT and analogues was observed.
Sequence Length	365
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FCGRT elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209862839
NCBI GeneID	2217
NCBI Accession #	NP_001129491.1
NCBI GenBank Nucleotide #	NM_001136019.2
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 and transporter
NCBI Official Symbol	FCGRT
NCBI Official Synonym Symbols	FCRN; alpha-chain
NCBI Protein Information	IgG receptor FcRn large subunit p51
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.

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Online datasheet: <https://stage.aaabiotech.com/fcgrt-human-elisa-kits/igg-receptor-fcrn-large-subunit-p51/99466>