

Human High affinity immunoglobulin epsilon receptor subunit alpha ELISA Kit | FCER1A elisa kit

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CATALOG #
AAA99908

REACTIVITY
Human

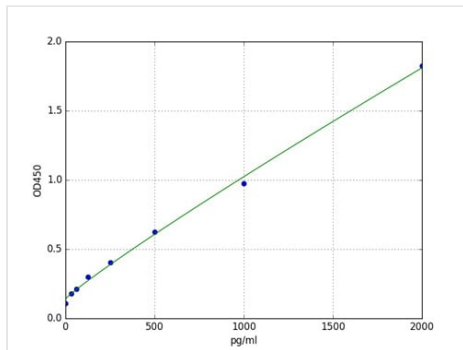
PRODUCT SYNONYMS

High affinity immunoglobulin epsilon receptor subunit alpha; Human High affinity immunoglobulin epsilon receptor subunit alpha ELISA Kit; FCER1A/FCE1A/FcERI/Fc-epsilon RI-alpha/IgE Fc receptor subunit alpha/; FCER1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	257
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human FCER1A ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.006	0.055	0.113	0.188	0.418	0.974	1.759	2.170

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FCER1A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human FCER1A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human FCER1A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human FCER1A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human FCER1A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503675
NCBI GeneID	2205
NCBI Accession #	NP_001992.1
NCBI GenBank Nucleotide #	NM_002001.3
Molecular Weight	29,596 Da
NCBI Official Full Name	high affinity immunoglobulin epsilon receptor subunit alpha
NCBI Official Synonym Full Names	Fc fragment of IgE receptor Ia
NCBI Official Symbol	FCER1A
NCBI Official Synonym Symbols	FCE1A; FcERI
NCBI Protein Information	high affinity immunoglobulin epsilon receptor subunit alpha
UniProt Protein Name	High affinity immunoglobulin epsilon receptor subunit alpha
UniProt Gene Name	FCER1A
UniProt Synonym Gene Names	FCE1A; FcERI
UniProt Entry Name	FCERA_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/fcer1a-human-elisa-kits/high-affinity-immunoglobulin-epsilon-receptor-subunit-alpha/99908>