

Human Fc fragment of IgE, low affinity II, receptor for (CD23) ELISA Kit | FCER2 elisa kit

Human soluble CD23, sCD23 ELISA Kit

CATALOG #
AAA79802

REACTIVITY
Human

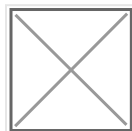
PRODUCT SYNONYMS

Fc fragment of IgE; low affinity II; receptor for (CD23); Human soluble CD23; sCD23 ELISA Kit; Human soluble CD23 (sCD23) ELISA Kit; CD23; CD23A; CLEC4J; FCE2; IGEBF; C-type lectin domain family 4; member J; CD23 antigen; receptor for (CD23A) ; FCER2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FCER2. No significant cross-reactivity or interference between Human FCER2 and analogues was observed.
Sequence Length	320
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 FCER2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sCD23 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sCD23 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sCD23 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 sCD23 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	334085205
NCBI GeneID	2208
NCBI Accession #	NP_001193948.2
NCBI GenBank Nucleotide #	NM_001207019.2
UniProt Accession #	P06734
Molecular Weight	36,469 Da
NCBI Official Full Name	low affinity immunoglobulin epsilon Fc receptor isoform b
NCBI Official Synonym Full Names	Fc fragment of IgE, low affinity II, receptor for (CD23)
NCBI Official Symbol	FCER2
NCBI Official Synonym Symbols	CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2
NCBI Protein Information	low affinity immunoglobulin epsilon Fc receptor; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4, member J
UniProt Protein Name	Low affinity immunoglobulin epsilon Fc receptor
UniProt Gene Name	FCER2
UniProt Synonym Gene Names	CD23A; CLEC4J; FCE2; IGEBF
UniProt Entry Name	FCER2_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/fcer2-human-elisa-kits/fc-fragment-of-ige-low-affinity-ii-receptor-for-cd23/79802>