

Human Eotaxin 1 ELISA Kit | Eotaxin 1 elisa kit

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CATALOG #
AAA85681

REACTIVITY
Human

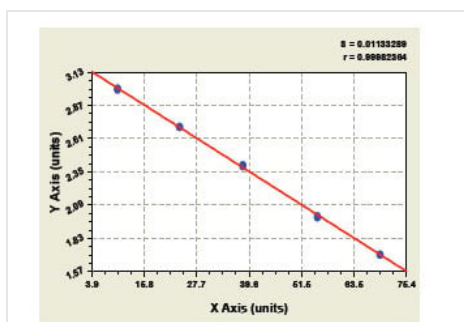
PRODUCT SYNONYMS

Eotaxin 1; Human Eotaxin 1 ELISA Kit; Eotaxin 1 (Human); Eotaxin 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This Eotaxin 1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human Eotaxin 1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Eotaxin 1 elisa kit

Principle of the assay: Eotaxin 1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Eotaxin 1 antibody and an Eotaxin 1-HRP conjugate. The assay sample and buffer are incubated together with Eotaxin 1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Eotaxin 1 concentration since Eotaxin 1 from samples and Eotaxin 1-HRP conjugate compete for the anti-Eotaxin 1 antibody binding site. Since the number of sites is limited, as more sites are occupied by Eotaxin 1 from the sample, fewer sites are left to bind Eotaxin 1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Eotaxin 1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Eotaxin 1 elisa kit

Human ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506827
NCBI GeneID	6356
NCBI Accession #	NP_002977.1
NCBI GenBank Nucleotide #	NM_002986.2
UniProt Accession #	P51671; P50877; Q92490; Q92491
Molecular Weight	10,732 Da
NCBI Official Full Name	eotaxin
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 11
NCBI Official Symbol	CCL11
NCBI Official Synonym Symbols	SCYA11
NCBI Protein Information	eotaxin; eotaxin-1; eosinophil chemotactic protein; small inducible cytokine subfamily A (Cys-Cys), member 11 (eotaxin)
UniProt Protein Name	Eotaxin
UniProt Gene Name	CCL11
UniProt Synonym Gene Names	SCYA11
UniProt Entry Name	CCL11_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/human-elisa-kits/eotaxin-1/85681>