

Monkey Eotaxin 1 ELISA Kit | Eotaxin 1 elisa kit

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CATALOG #
AAA95455

REACTIVITY
Monkey

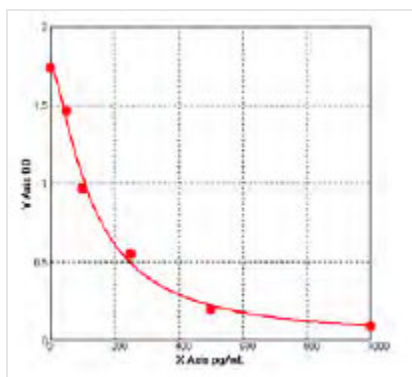
PRODUCT SYNONYMS

Eotaxin 1; Monkey Eotaxin 1 ELISA Kit; Eotaxin 1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of EOT1. No significant cross-reactivity or interference between EOT1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between EOT1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
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	Intended Uses: This EOT1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey EOT1. This ELISA kit for research use only! Principle of the Assay: EOT1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-EOT1 antibody and an EOT1-HRP conjugate. The assay sample and buffer are incubated together with EOT1-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 EOT1 concentration since EOT1 from samples and EOT1-HRP conjugate compete for the anti-EOT1 antibody binding site. Since the number of sites is limited, as more sites are occupied by EOT1 from the sample, fewer sites are left to bind EOT1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EOT1 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506827
NCBI GeneID	6356
NCBI Accession #	NP_002977.1
NCBI GenBank Nucleotide #	NM_002986.2
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.