

Mouse Eotaxin 1 ELISA Kit | Eotaxin 1 elisa kit

Mouse Eotaxin 1 ELISA Kit

CATALOG #
AAA85603

REACTIVITY
Mouse

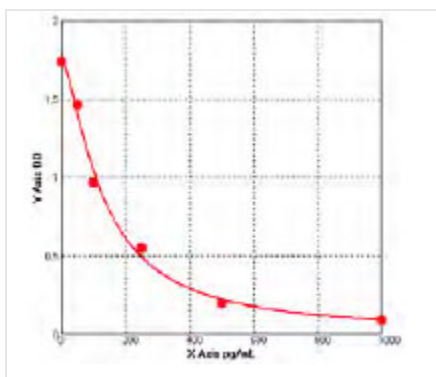
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/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 eNOS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of RateNOS. This ELISA kit for research use only!

Principle of the Assay: eNOS ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-eNOS antibody and an eNOS-HRP conjugate. The assay sample and buffer are incubated together with eNOS-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 eNOS concentration since eNOS from samples and eNOS-HRP conjugate compete for the anti-eNOS antibody binding site. Since the number of sites is limited, as more sites are occupied by eNOS from the sample, fewer sites are left to bind eNOS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The eNOS concentration in each sample is interpolated from this standard curve.

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.