

Rat Eotaxin 1 (Eotaxin 1/CCL11/ECF) ELISA Kit | CCL11 elisa kit

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CATALOG #
AAA79695

REACTIVITY
Rat

PRODUCT SYNONYMS

Eotaxin 1 (Eotaxin 1/CCL11/ECF); Rat Eotaxin 1 (Eotaxin 1/CCL11/ECF) ELISA Kit; chemokine (C-C motif) ligand 11; MGC22554; SCYA11; eosinophil chemotactic protein[eotaxin-1]small inducible cytokine A11[small inducible cytokine subfamily A (Cys-Cys); member 11 (eotaxin); CCL11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	97
Samples	For the quantitative determination of rat eotaxin 1 (Eotaxin 1/CCL11/ECF) concentrations in serum, plasma, cell culture supernates and tissue homogenates.
Sensitivity	The minimum detectable dose of rat Eotaxin 1 is typically less than 0.039 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Detection Range	0.156 ng/ml-10 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay) : CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays) : CV%<10% Three samples of known concentration were tested in twenty assays to assess.
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 CCL11 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Eotaxin 1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Eotaxin 1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Eotaxin 1 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 Eotaxin 1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146959
NCBI GeneID	6356
UniProt Accession #	Q6I9T4; O08780; P51671
Molecular Weight	10,732 Da
NCBI Official Full Name	CCL11
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; C-C motif chemokine 11; small-inducible cytokine A11; 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_RAT

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/rat-elisa-kits/eotaxin-1-eotaxin-1-ccl11-ecf/79695>