

Mouse Eosinophil Chemotactic Factor (ECF) RTU ELISA Kit | ECF rtu elisa kit

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CATALOG #
AAA70341

REACTIVITY
Mouse

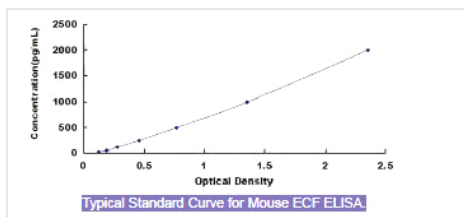
PRODUCT SYNONYMS

Eosinophil Chemotactic Factor (ECF); Mouse Eosinophil Chemotactic Factor (ECF) ELISA Kit; CCL11; SCYA11; Eotaxin 1; Eosinophil Chemotactic Protein 1; Chemokine C-C-Motif Ligand 11; Small Inducible Cytokine Subfamily A(Cys-Cys)Member 11; ECF rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ECF. No significant cross-reactivity or interference between ECF and analogues was observed.
Sequence Length	97
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	< 13.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ECF were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ECF were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ECF rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ECF in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ECF. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ECF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ECF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ECF in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755418
NCBI GeneID	20292
NCBI Accession #	NP_035460.1
NCBI GenBank Nucleotide #	NM_011330.3
UniProt Accession #	P48298
Molecular Weight	10,893 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; eotaxin
NCBI Protein Information	eotaxin
UniProt Protein Name	Eotaxin
UniProt Gene Name	Ccl11
UniProt Synonym Gene Names	Scya11

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://www.aaabiotech.com/mouse-rtu-elisa-kits/eosinophil-chemotactic-factor-ecf/70341>