

Guinea Pig Eosinophil Chemotactic Factor (ECF) ELISA Kit | ECF elisa kit

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CATALOG #
AAA63771

REACTIVITY
Guinea Pig

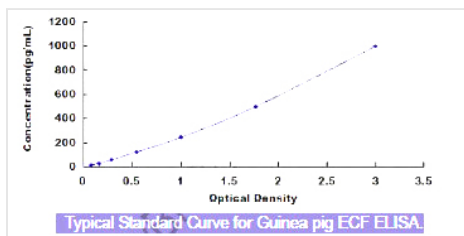
PRODUCT SYNONYMS

Eosinophil Chemotactic Factor (ECF); Guinea pig 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 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
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 and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.2pg/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 kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ECF elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ECF in guinea pig serum, plasma, tissue homogenates, cell lysates, cell culture supernates and 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 #	377542865
NCBI GeneID	100038010
NCBI Accession #	NP_001243703.1
NCBI GenBank Nucleotide #	NM_001256774.1
UniProt Accession #	G8XRI2
Molecular Weight	10,725 Da
NCBI Official Full Name	eotaxin
NCBI Official Symbol	CCL11
NCBI Protein Information	eotaxin
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	CCL11

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/guinea-pig-pig-elisa-kits/eosinophil-chemotactic-factor-ecf/63771>