

Rat CCL11/Eotaxin AccuSignal ELISA Kit - KOA0868
Code: KOA0868

Size: 1 Kit

Product Description: Rat CCL11/Eotaxin AccuSignal ELISA Kit - KOA0868

PhysicalState:

Label	Unconjugated
Gene Name	Eotaxin
Species Reactivity	Rat
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	C-C motif chemokine 11, CCL 11, CCL11, CCL11_HUMAN, Chemokine (C-C motif) ligand 11, Chemokine C C motif ligand 11, Chemokine CC Motif Ligand 11, Chemokine ligand 11, Eosinophil Chemotactic P, Eosinophil chemotactic protein, Eotaxin, Eotaxin 1, SCYA 11, SCYA11
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.2pg/ml, 15.6pg/ml rat Eotaxin standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of rat cell culture supernatants, serum or plasma(EDTA, citrate) to each empty well. It is recommended that each rat Eotaxin standard solution and each sample be measured in duplicate.
Background	Eotaxin, also known as CCL11, is a potent inducer of eosinophil chemotaxis and is considered as a selective ligand of the CC chemokine receptor 3 (CCR3), which is expressed on eosinophils, basophils, and Th2 lymphocytes. Eotaxin is assumed to be involved in eosinophilic inflammatory diseases such as atopic dermatitis, allergic rhinitis, asthma and parasitic infections. The gene maps to chromosome 17 and is expressed constitutively at high levels in small intestine and colon, and at lower levels in various other tissues. The deduced mature protein sequence is 66% identical to human monocyte chemoattractant protein-1, and 60% identical to guinea pig eotaxin.
Purity And Specificity	Natural and recombinant rat Eotaxin. There is no detectable cross-reactivity with other relevant proteins.
ELISA	15.6pg/ml-1000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: E.coli; Immunogen sequence: H24-P97
Anti-Coagulant	Sodium EDTA

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - P97545

<http://www.uniprot.org/uniprot/P97545>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_062078.1
 NP_062078.1

GeneID - 29397

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=29397>

Disclaimer

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