



## Human Eotaxin ELISA Kit (2 plates)

**Catalogue No.:** BEK-2012-2P

**Description:** The human Eotaxin Kit is a sandwich ELISA. The capture antibody is a monoclonal human Eotaxin antibody pre-coated onto the 96-well strip plates provided in the kit. Human test samples and standards of known Eotaxin concentration are added to these wells and allowed to complex with the bound Eotaxin antibody. A biotinylated human Eotaxin polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of Eotaxin present in the samples. The purpose of this kit is the in-vitro quantitative determination of human Eotaxin in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

**Batch No.:** See product labels

**Other Names:** C-C motif chemokine 11; Eosinophil chemotactic protein; Small-inducible cytokine A11; CCL11; SCYA11;

**Accession:** P51671 CCL11\_HUMAN;

**Specificity:** Human Eotaxin

**Storage:** Store at 4°C

**Specific References:** Sugimoto M. & Kondo M. (2016), Lecithin-bound iodine prevents disruption of tight junctions of retinal pigment epithelial cells under hypoxic stress. *Journal of Ophthalmology*. Volume 2016, Article ID 9292346. Application: Cell culture supernatant.

**Kit components:** The ELISA kit box contains 2 x 96 pre-coated strip plates, protein standards, detection reagents, substrate buffer and precise instructions.

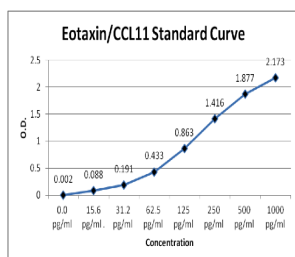
**Range:** 15.6 pg/ml - 1,000 pg/ml

**Sensitivity:** < 2 pg/ml

**Kit protocol:** Please refer to our online product listing for current protocol/MSDS versions.

Concentration pg/ml	0.0 pg/ml	15.6 pg/ml	31.2 pg/ml	62.5 pg/ml	125 pg/ml	250 pg/ml	500 pg/ml	1000 pg/ml
O.D.	0.002	0.088	0.191	0.433	0.863	1.416	1.877	2.173

This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.



FOR RESEARCH USE ONLY