Chemokine Ligand 18 (CCL18) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Chemokine Ligand 18 (CCL18), ELISA Kit
Full Product Name	Human Chemokine Ligand 18 (CCL18) ELISA Kit
Product Gene Name	CCL18 elisa kit
Species Reactivity	Human
Assay Type	sandwich
Samples	cell culture supernates and serum
Detection Range	7.8pg/ml-500pg/ml
Sensitivity	<10pg/ml
Preparation and Storage	Store at 2-8 degree C
Detection Target	Natural and recombinant Human CCL18
Related Product Information for CCL18 elisa kit	Human Chemokine Ligand 18 (CCL18) ELISA Kit is for quantitative detection of human CCL18 in cell culture supernates and serum. Strip well format. Reagents for up to 96 tests. The human CCL18 ELISA Kit is based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CCL18 has been precoated onto 96-well plates. Standards and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL18 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-BiotinPeroxidase Complex is added and unbound conjugates are washed away with PBS or TBS buffer. HRP substrate TMB are used to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human CCL18 amount of sample captured in plate.
Other Notes	Small volumes of CCL18 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CCL18 purchase	MBS138894 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Chemokine Ligand 18 (CCL18) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CCL18. The ELISA analytical biochemical technique of the MBS138894 kit is based on CCL18 antibody-CCL18 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CCL18 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CCL18. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCL18. It may not necessarily be applicable to this product.

Protein Family	C-C motif chemokine
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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