

Canine C-C motif chemokine 26 (CCL26) ELISA Kit

Catalog No: #EK11883



Package Size: #EK11883-1 48T #EK11883-2 96T

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Canine C-C motif chemokine 26 (CCL26) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Canine (Canis familiaris; Dog)
Other Names	IMAC; MGC126714; MIP-4a; MIP-4alpha; SCYA26; TSC-1; CC chemokine IMAC chemokine N1 eotaxin-3 macrophage inflammatory protein 4-alpha small inducible cytokine A26 small inducible cytokine subfamily A
Accession No.	Q64H35
Uniprot	Q64H35
GeneID	448789;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate CCL26 in samples. An antibody specific for CCL26 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyCCL26 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CCL26 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CCL26 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**Chemokine (C-C motif) ligand 26 (CCL26) is a small cytokine belonging to the CC chemokine family that is also called Eotaxin-3, Macrophage inflammatory protein 4-alpha (MIP-4-alpha), Thymic stroma chemokine-1 (TSC-1), and IMAC. It is expressed by several tissues including heart, lung and ovary, and in endothelial cells that have been stimulated with the cytokine interleukin 4.CCL26 is chemotactic for eosinophils and basophils and elicits its effects by binding to the cell surface chemokine receptor CCR3. This gene for chemokine is located on human chromosome 7.

Note: This product is for in vitro research use only