

Sheep Eotaxin 2 ELISA Kit | Eotaxin 2 elisa kit

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CATALOG #
AAA97516

REACTIVITY
Sheep

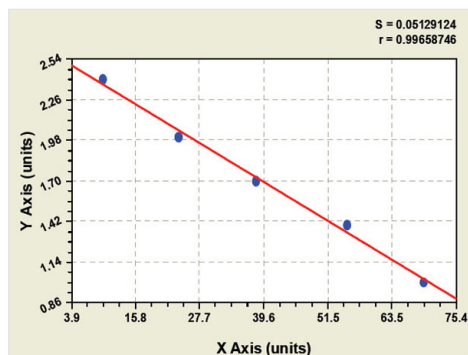
PRODUCT SYNONYMS

Eotaxin 2; Sheep Eotaxin 2 ELISA Kit; Eotaxin 2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This Eotaxin 2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep Eotaxin 2. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Eotaxin 2 elisa kit

Principle of the Assay: Eotaxin 2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Eotaxin 2 antibody and an Eotaxin 2-HRP conjugate. The assay sample and buffer are incubated together with Eotaxin 2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Eotaxin 2 concentration since Eotaxin 2 from samples and Eotaxin 2-HRP conjugate compete for the anti-Eotaxin 2 antibody binding site. Since the number of sites is limited, as more sites are occupied by Eotaxin 2 from the sample, fewer sites are left to bind Eotaxin 2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Eotaxin 2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119592178
NCBI GeneID	6369
Molecular Weight	13,134 Da
NCBI Official Full Name	chemokine (C-C motif) ligand 24
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 24
NCBI Official Symbol	CCL24
NCBI Official Synonym Symbols	Ckb-6; MPIF2; MPIF-2; SCYA24
NCBI Protein Information	C-C motif chemokine 24; CK-beta-6; eotaxin-2; small-inducible cytokine A24; eosinophil chemotactic protein 2; myeloid progenitor inhibitory factor 2; small inducible cytokine subfamily A (Cys-Cys), member 24
UniProt Protein Name	C-C motif chemokine 24
UniProt Gene Name	CCL24
UniProt Synonym Gene Names	MPIF2; SCYA24; MPIF-2
UniProt Entry Name	CCL24_HUMAN

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/sheep-elisa-kits/eotaxin-2/97516>