Mouse chemokine (C-X-C motif) ligand 17 (CXCL17) ELISA Kit | CXCL17 elisa kit

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CATALOG #	REACTIVITY
AAA27238	**Mouse**

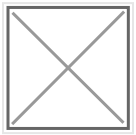
PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 17 (CXCL17); Mouse chemokine (C-X-C motif) ligand 17 (CXCL17) ELISA Kit; CXCL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CXCL17. No significant cross-reactivity or interference between CXCL17 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CXCL17 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL17 elisa kit	Principle of the Assay: CXCL17 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CXCL17 antibody and an CXCL17-HRP conjugate. The assay sample and buffer are incubated together with CXCL17-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 CXCL17 concentration since CXCL17 from samples and CXCL17-HRP conjugate compete for the anti-CXCL17 antibody binding site. Since the number of sites is limited, as more sites are occupied by CXCL17 from the sample, fewer sites are left to bind CXCL17-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CXCL17 concentration in each sample is interpolated from this standard curve. Intended Uses: This CXCL17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CXCL17. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CXCL17 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4204910
NCBI GeneID	6359
Molecular Weight	12,248 Da
NCBI Official Full Name	chemokine
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 15
NCBI Official Symbol	CCL15
NCBI Official Synonym Symbols	LKN1; NCC3; SY15; HCC-2; LKN-1; MIP-5; NCC-3; SCYL3; MIP-1D; MRP-2B; SCYA15; HMRP-2B; MIP-1 delta
NCBI Protein Information	C-C motif chemokine 15; leukotactin 1; chemokine CC-2; new CC chemokine 3; small-inducible cytokine A15; macrophage inflammatory protein 5; small inducible cytokine subfamily A (Cys-Cys), member 15
UniProt Protein Name	C-C motif chemokine 15
UniProt Gene Name	**CCL15**
UniProt Synonym Gene Names	MIP5; NCC3; SCYA15; HCC-2; LKN-1; MIP-5
UniProt Entry Name	CCL15_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/mouse-elisa-kits/chemokine-c-x-c-motif-ligand-17-cxcl17/27238