

Mouse CXCL5 ELISA Kit | CXCL5 elisa kit

Mouse CXCL5 ELISA Kit

CATALOG # AAA105697	REACTIVITY Mouse	APPLICATIONS ELISA
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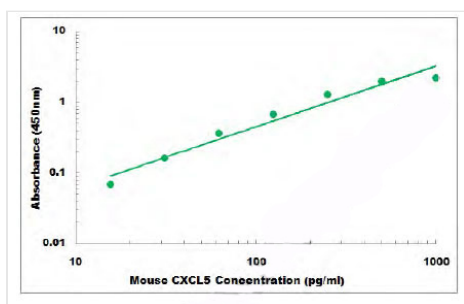
PRODUCT SYNONYMS

CXCL5; Mouse CXCL5 ELISA Kit; ENA78; SCYB5; C-X-C motif chemokine 5; ENA-78(1-78); Epithelial-derived neutrophil-activating protein 78; Neutrophil-activating peptide ENA-78; Small-inducible cytokine B5; CXCL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CXCL5 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CXCL5 proteins within the range of 125 pg/ml-8000 pg/ml.
Sequence Length	132
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	60 pg/ml.
Applicable Applications for CXCL5 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL5 elisa kit	Principle of the Assay: The AAA Biotech' Mouse CXCL15 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CXCL15 in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse CXCL15 coated on a 96-well plate. Standards and samples are pipetted into the wells and CXCL15 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CXCL15 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CXCL15 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm!!Background/Introduction: Mouse Lungkine/CXCL15, also named WECH, is a member of the ELR motif-containing CXC chemokines. The cDNA of mouse Lungkine encodes a protein of 166 amino acids with a 25 aa predicted signal peptide and a 141 aa mature protein with an extremely long C-terminal tail that protrudes beyond the chemokine fold. The gene for mouse Lungkine has been mapped to chromosome 5. By Northern blot and in situ hybridization, Lungkine transcripts are only specifically detected in the adult and fetal lung, and its expression is up-regulated under inflammatory conditions. Lungkine protein is secreted into bronchoalveolar space and is involved in lung-specific neutrophil trafficking. Studies from Lungkine knock out mice suggests that Lungkine is an important mediator of neutrophil migration from the lung parenchyma into the airspace. Lungkine is also chemotactic for bone marrow progenitor cells and modulates hematopoietic cell differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114842398
NCBI GeneID	20311
NCBI Accession #	NP_033167.2
NCBI GenBank Nucleotide #	NM_009141.3
UniProt Accession #	P50228; Q8K3I3
Molecular Weight	14,235 Da
NCBI Official Full Name	C-X-C motif chemokine 5
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 5
NCBI Official Symbol	Cxcl5
NCBI Official Synonym Symbols	LIX; GCP-2; Scyb5; Scyb6; ENA-78; AMCF-II
NCBI Protein Information	C-X-C motif chemokine 5; cytokine LIX; small-inducible cytokine B5; granulocyte chemotactic protein-2; small inducible cytokine B subfamily, member 5; small inducible cytokine subfamily B, member 15
UniProt Protein Name	C-X-C motif chemokine 5
UniProt Gene Name	Cxcl5
UniProt Synonym Gene Names	Scyb5
UniProt Entry Name	CXCL5_MOUSE

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/cxcl5/105697>