

Mouse CXCL12/SDF-1 ELISA Kit | CXCL12 elisa kit

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CATALOG #
AAA281379

REACTIVITY
Mouse

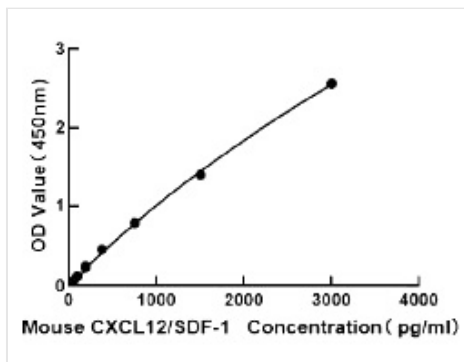
PRODUCT SYNONYMS

CXCL12/SDF-1; Mouse CXCL12/SDF-1 ELISA Kit; CXCL12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes both recombinant and natural mouse CXCL12/SDF-1. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity.
Assay Type	Quantitative Sandwich
Sensitivity	< 23pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level CXCL12/SDF-1 were tested 20 times on one plate, respectively. CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level CXCL12/SDF-1 were tested on 3 different plates, 20 replicates in each plate. CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL12 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for mouse CXCL12/SDF-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CXCL12/SDF-1 present is bound by the immobilized antibody. After washing away any unbound substances, and then a detection antibody specific for CXCL12/SDF-1 is added to the wells and binds to the combination of capture antibody CXCL12/SDF-1 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of CXCL12/SDF-1 bound in the initial step. The color development is stopped and the absorbance is measured. Background/Introduction: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CXCL12/SDF-1 in mouse serum, plasma, cell culture supernatants, cell lysates, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	20315
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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://www.aaabiotech.com/mouse-elisa-kits/cxcl12-sdf-1/281379>