

Human CXCL5/ENA-78 ELISA Kit | CXCL5/ENA-78 elisa kit

Human CXCL5/ENA-78 PicoKine Quick ELISA Kit

CATALOG # AAA128070	REACTIVITY Human	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

PRODUCT SYNONYMS

CXCL5/ENA-78; Human CXCL5/ENA-78 PicoKine Quick ELISA Kit; CXCL5/ENA-78 elisa kit

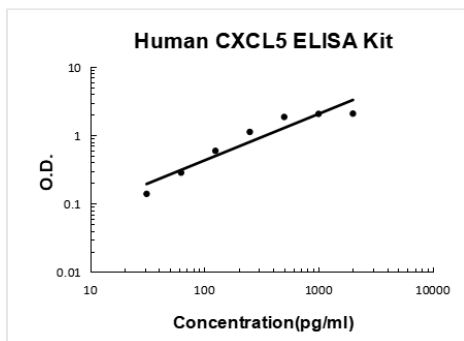
PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma(heparin, EDTA, citrate)
Assay Range	31.2pg/ml-2,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: A37-N114
Anticoagulant	heparin, EDTA or citrate
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CXCL5/ENA-78 elisa kit	ELISA
Kit Components	Description/Quantity/Volume Anti-tag Pre-coated 96-well Strip Microplate/1/12 strips of 8 wells Standard/2, 10 ng/tube×2 Antibody A/1/3ml Antibody B/1/3ml Sample Diluent/1/15ml TBS-T Wash Buffer (25x)/1/12ml Color Developing Reagent (TMB)/1/10ml Stop Solution/1/10ml Adhesive plate sealers/2/Piece
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Automated plate washer (optional) Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution. Horizontal orbital microplate shaker capable of maintaining a speed of 500rpm, amplitude 3mm.
Sample Data	Concentration(pg/ml)031.262.51252505001,0002,000O.D.0.0220.1610.3060.6141.1431.8772.0812.097
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)6627096461293970Standard deviation2.7718.0974.223.5322.2682.45CV (%)4.2%6.7%7.7%5.8%7.6%8.5%
Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 166776568694.746.8%Sample 227025728728827512.854.6%Sample 396491290081389754.266%*number of samples for each test n=16.

Preparation and Storage

Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)

Human CXCL5/ENA-78 PicoKine Quick ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL5/ENA-78 elisa kit

The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.

Product Categories/Family for CXCL5/ENA-78 elisa kit

[Quick ELISA Kits](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	471243
NCBI GeneID	6374
UniProt Accession #	P42830 ; Q96QE1
Molecular Weight	11,972 Da
NCBI Official Full Name	ENA-78
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 5
NCBI Official Symbol	CXCL5
NCBI Official Synonym Symbols	SCYB5; ENA-78
NCBI Protein Information	C-X-C motif chemokine 5; neutrophil-activating protein 78; neutrophil-activating peptide ENA-78; epithelial-derived neutrophil-activating protein 78; small inducible cytokine subfamily B (Cys-X-Cys), member 5 (epithelial-derived neutrophil-activating pept
UniProt Protein Name	C-X-C motif chemokine 5
UniProt Gene Name	CXCL5
UniProt Synonym Gene Names	ENA78; SCYB5
UniProt Entry Name	CXCL5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cxcl5-ena-78/128070>