

Human chemokine (C-X-C motif) ligand 5 ELISA Kit | CXCL5 elisa kit

Human Epithelial neutrophil activating peptide 78, ENA-78/CXCL5 ELISA Kit

CATALOG #
AAA79591

REACTIVITY
Human

PRODUCT SYNONYMS

chemokine (C-X-C motif) ligand 5; Human Epithelial neutrophil activating peptide 78; ENA-78/CXCL5 ELISA Kit; Human Epithelial neutrophil activating peptide 78 (ENA-78/CXCL5) ELISA Kit; ENA-78; SCYB5; epithelial-derived neutrophil activating protein 78; epithelial-derived neutrophil-activating peptide 78; neutrophil-activating peptide ENA-78; neutrophil-activating protein 78; small ind; Human Epithelial neutrophil activating peptide 78 (ENA-78/CXCL5); CXCL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ENA-78/CXCL5. No significant cross-reactivity or interference between human ENA-78/CXCL5 and analogues was observed.
Sequence Length	114
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.625 ng/ml -40 ng/ml.
Sensitivity	0.567 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCL5 elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ENA-78/CXCL5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ENA-78/CXCL5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ENA-78/CXCL5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ENA-78/CXCL5 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506849
NCBI GeneID	6374
NCBI Accession #	NP_002985.1
NCBI GenBank Nucleotide #	NM_002994.4
UniProt Accession #	P42830; Q96QE1
Molecular Weight	11,972 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	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 peptide 78)
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/cxcl5-human-elisa-kits/chemokine-c-x-c-motif-ligand-5/79591>