

Human collectin sub-family member 12 ELISA Kit | COLEC12 elisa kit

Human Collectin-12, COLEC12 ELISA Kit

CATALOG #
AAA112352

REACTIVITY
Human

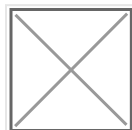
PRODUCT SYNONYMS

collectin sub-family member 12; Human Collectin-12; COLEC12 ELISA Kit; Human Collectin-12 (COLEC12) ELISA kit; CLP1; NSR2; SCARA4; SRCL; collectin placenta 1; nurse cell scavenger receptor 2; scavenger receptor class A; member 4; scavenger receptor with C-type lectin; COLEC12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human COLEC12. No significant cross-reactivity or interference between human COLEC12 and analogues was observed.
Sequence Length	742
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	<0.078 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 COLEC12 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for COLEC12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any COLEC12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for COLEC12 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 COLEC12 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18641360
NCBI GeneID	81035
NCBI Accession #	NP_569057.1
NCBI GenBank Nucleotide #	NM_130386.2
UniProt Accession #	Q5KU26; Q6P9F2; Q8TCR2; Q8WZA4; Q9BY85; Q9BYH7
Molecular Weight	81,515 Da
NCBI Official Full Name	collectin-12
NCBI Official Synonym Full Names	collectin sub-family member 12
NCBI Official Symbol	COLEC12
NCBI Official Synonym Symbols	CLP1; NSR2; SRCL; SCARA4
NCBI Protein Information	collectin-12; hCL-P1; collectin placenta protein 1; nurse cell scavenger receptor 2; scavenger receptor class A, member 4; scavenger receptor with C-type lectin
UniProt Protein Name	Collectin-12
UniProt Gene Name	COLEC12
UniProt Synonym Gene Names	CLP1; NSR2; SCARA4; SRCL; CL-P1; hCL-P1
UniProt Entry Name	COL12_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/colec12-human-elisa-kits/collectin-sub-family-member-12/112352>