

Human Collectin-11 ELISA Kit | COLEC11 elisa kit

Human Collectin-11 ELISA Kit

CATALOG #
AAA17475

REACTIVITY
Human

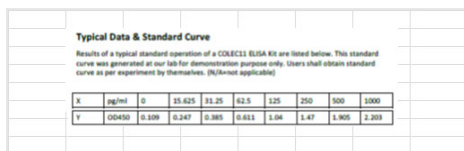
PRODUCT SYNONYMS

Collectin-11; Human Collectin-11 ELISA Kit; COLEC11 (Collectin Sub-Family Member 11)/Collectin-11/CL-K1/Dual specificity protein kinase CLK1/Protein tyrosine kinase STY/STY; COLEC11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of COLEC11 . No significant cross-reactivity or interference between COLEC11 and analogues was observed.
Sequence Length	271
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level COLEC11 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level COLEC11 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COLEC11 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-COLEC11 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- COLEC11 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the COLEC11 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of COLEC11 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13128972
NCBI GeneID	78989
NCBI Accession #	NP_076932.1
NCBI GenBank Nucleotide #	NM_024027.4
Molecular Weight	30,200 Da
NCBI Official Full Name	collectin-11 isoform a
NCBI Official Synonym Full Names	collectin subfamily member 11
NCBI Official Symbol	COLEC11
NCBI Official Synonym Symbols	3MC2; CLK1; CL-K1-I; CL-K1-II; CL-K1-IIa; CL-K1-IIb
NCBI Protein Information	collectin-11
UniProt Protein Name	Collectin-11
UniProt Gene Name	COLEC11
UniProt Synonym Gene Names	CL-K1
UniProt Entry Name	COL11_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/colec11-human-elisa-kits/collectin-11/17475>