

Human C type lectin domain family 12 member A (CLEC12A) ELISA Kit | CLEC12A elisa kit

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CATALOG #
AAA246831

REACTIVITY
Human

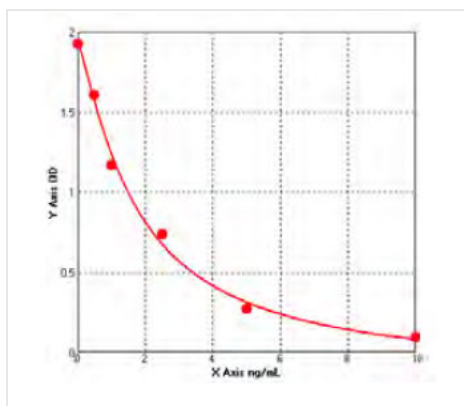
PRODUCT SYNONYMS

C type lectin domain family 12 member A (CLEC12A); Human C type lectin domain family 12 member A (CLEC12A) ELISA Kit; CLEC12A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CLEC12A. No significant cross-reactivity or interference between CLEC12A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CLEC12A and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC12A elisa kit	Principle of the Assay: CLEC12A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CLEC12A antibody and an CLEC12A-HRP conjugate. The assay sample and buffer are incubated together with CLEC12A-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme- substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CLEC12A concentration since CLEC12A from samples and CLEC12A-HRP conjugate compete for the anti-CLEC12A antibody binding site. Since the number of sites is limited, as more sites are occupied by CLEC12A from the sample, fewer sites are left to bind CLEC12A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLEC12A concentration in each sample is interpolated from this standard curve. Intended Uses: This CLEC12A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CLEC12A. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CLEC12A elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	308153619
NCBI GeneID	160364
Molecular Weight	24,449 Da
NCBI Official Full Name	C-type lectin domain family 12 member A
NCBI Official Synonym Full Names	C-type lectin domain family 12, member A
NCBI Official Symbol	CLEC12A
NCBI Official Synonym Symbols	CLL1; MICL; CLL-1; DCAL-2
NCBI Protein Information	C-type lectin domain family 12 member A; C-type lectin protein CLL-1; C-type lectin-like molecule-1; dendritic cell-associated lectin 2; myeloid inhibitory C-type lectin-like receptor
UniProt Protein Name	C-type lectin domain family 12 member A
UniProt Gene Name	CLEC12A
UniProt Synonym Gene Names	CLL1; DCAL2; MICL; CLL-1; DCAL-2; MICL
UniProt Entry Name	CL12A_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/human-elisa-kits/c-type-lectin-domain-family-12-member-a-clec12a/246831>