

Human C type lectin domain family 4 member D (CLEC4D) ELISA Kit | CLEC4D elisa kit

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CATALOG #
AAA27166

REACTIVITY
Human

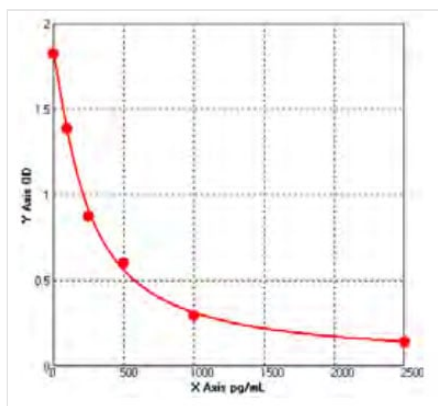
PRODUCT SYNONYMS

C type lectin domain family 4 member D (CLEC4D); Human C type lectin domain family 4 member D (CLEC4D) ELISA Kit; CLEC4D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CLEC4D. No significant cross-reactivity or interference between CLEC4D and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CLEC4D 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	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC4D elisa kit	Principle of the Assay: CLEC4D ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CLEC4D antibody and an CLEC4D-HRP conjugate. The assay sample and buffer are incubated together with CLEC4D-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 CLEC4D concentration since CLEC4D from samples and CLEC4D-HRP conjugate compete for the anti-CLEC4D antibody binding site. Since the number of sites is limited, as more sites are occupied by CLEC4D from the sample, fewer sites are left to bind CLEC4D-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLEC4D concentration in each sample is interpolated from this standard curve. Intended Uses: This CLEC4D ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CLEC4D. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CLEC4D elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542313
NCBI GeneID	338339
NCBI Accession #	NP_525126.2
NCBI GenBank Nucleotide #	NM_080387.4
Molecular Weight	24,704 Da
NCBI Official Full Name	C-type lectin domain family 4 member D
NCBI Official Synonym Full Names	C-type lectin domain family 4, member D
NCBI Official Symbol	CLEC4D
NCBI Official Synonym Symbols	MCL; MPCL; CLEC6; CLEC-6; CLECSF8
NCBI Protein Information	C-type lectin domain family 4 member D; C-type lectin receptor; macrophage C-type lectin; C-type lectin-like receptor 6; C-type lectin superfamily member 8; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 8
UniProt Protein Name	C-type lectin domain family 4 member D
UniProt Gene Name	CLEC4D
UniProt Synonym Gene Names	CLECSF8; MCL; CLEC-6
UniProt Entry Name	CLC4D_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://www.aaabiotech.com/human-elisa-kits/c-type-lectin-domain-family-4-member-d-clec4d/27166>