

Human C-type lectin domain family 4 member E ELISA Kit | CLEC4E elisa kit

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CATALOG #
AAA97842

REACTIVITY
Human

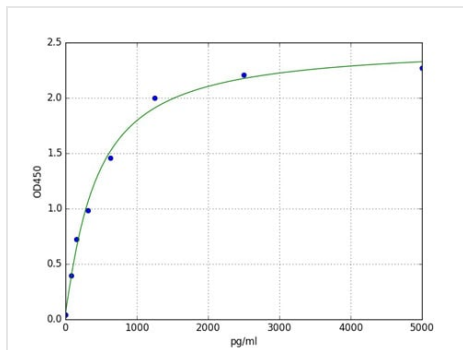
PRODUCT SYNONYMS

C-type lectin domain family 4 member E; Human C-type lectin domain family 4 member E ELISA Kit; CLEC4E/C-type lectin domain family 4 member E/C-type lectin superfamily member 9/Macrophage-inducible C-type lectin/MINCLE/CLECSF9; CLEC4E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	219
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
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)

Typical Data & Standard Curve
Results of a typical standard run of a CLEC4E ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.102	0.169	0.238	0.283	0.527	0.872	1.609	2.153

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC4E elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CLEC4E antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CLEC4E antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin 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 CLEC4E amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CLEC4E can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657333
NCBI GeneID	26253
NCBI Accession #	NP_055173.1
NCBI GenBank Nucleotide #	NM_014358.3
Molecular Weight	25,073 Da
NCBI Official Full Name	C-type lectin domain family 4 member E
NCBI Official Synonym Full Names	C-type lectin domain family 4 member E
NCBI Official Symbol	CLEC4E
NCBI Official Synonym Symbols	MINCLE; CLECSF9
NCBI Protein Information	C-type lectin domain family 4 member E
UniProt Protein Name	C-type lectin domain family 4 member E
UniProt Gene Name	CLEC4E
UniProt Synonym Gene Names	CLECSF9; MINCLE
UniProt Entry Name	CLC4E_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/clec4e-human-elisa-kits/c-type-lectin-domain-family-4-member-e/97842>