

Mouse C-type lectin domain family 4 member e, CLEC4E ELISA Kit | CLEC4E elisa kit

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CATALOG #
AAA246703

REACTIVITY
Mouse

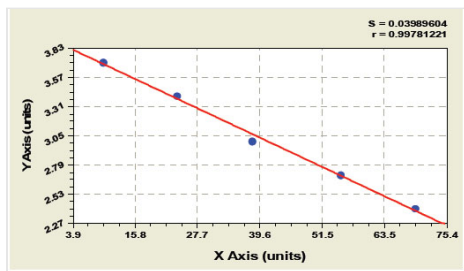
PRODUCT SYNONYMS

C-type lectin domain family 4 member e; CLEC4E; Mouse C-type lectin domain family 4 member e; CLEC4E ELISA Kit; CLEC4E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CLEC4E ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CLEC4E. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC4E elisa kit

Principle of the assay: CLEC4E ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CLEC4E antibody and an CLEC4E-HRP conjugate. The assay sample and buffer are incubated together with CLEC4E-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 CLEC4E concentration since CLEC4E from samples and CLEC4E-HRP conjugate compete for the anti-CLEC4E antibody binding site. Since the number of sites is limited, as more sites are occupied by CLEC4E from the sample, fewer sites are left to bind CLEC4E-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLEC4E concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CLEC4E elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657333
NCBI GeneID	26253
NCBI Accession #	NP_055173.1
NCBI GenBank Nucleotide #	NM_014358.2
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; C-type lectin superfamily member 9; macrophage-inducible C-type lectin; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 9
UniProt Protein Name	C-type lectin domain family 4 member E
UniProt Gene Name	CLEC4E
UniProt Synonym Gene Names	CLECSF9; MINCLE; UNQ218/PRO244
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/mouse-elisa-kits/c-type-lectin-domain-family-4-member-e-clec4e/246703>