

Human C type lectin domain family 7 member A (CLEC7A) ELISA Kit | CLEC7A elisa kit

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CATALOG #
AAA244547

REACTIVITY
Human

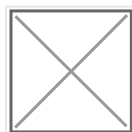
PRODUCT SYNONYMS

C type lectin domain family 7 member A (CLEC7A); Human C type lectin domain family 7 member A (CLEC7A) ELISA Kit; CLEC7A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC7A elisa kit	Intended Uses: This CLEC7A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CLEC7A. This ELISA kit for research use only! Principle of the Assay CLEC7A ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CLEC7A antibody and an CLEC7A-HRP conjugate. The assay sample and buffer are incubated together with CLEC7A-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 CLEC7A concentration since CLEC7A from samples and CLEC7A-HRP conjugate compete for the anti-CLEC7A antibody binding site. Since the number of sites is limited, as more sites are occupied by CLEC7A from the sample, fewer sites are left to bind CLEC7A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLEC7A concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CLEC7A elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	74752433
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NCBI GeneID	64581
Molecular Weight	13,138 Da
NCBI Official Full Name	C-type lectin domain family 7 member A
NCBI Official Synonym Full Names	C-type lectin domain family 7, member A
NCBI Official Symbol	CLEC7A
NCBI Official Synonym Symbols	BGR; CANDF4; DECTIN1; CLECSF12
NCBI Protein Information	C-type lectin domain family 7 member A; dectin-1; beta-glucan receptor; lectin-like receptor 1; DC-associated C-type lectin 1; C-type lectin superfamily member 12; dendritic cell-associated C-type lectin 1; dendritic cell-associated C-type lectin-1; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 12
UniProt Protein Name	C-type lectin domain family 7 member A
UniProt Gene Name	CLEC7A
UniProt Synonym Gene Names	BGR; CLECSF12; DECTIN1; UNQ539/PRO1082; DC-associated C-type lectin 1; Dectin-1
UniProt Entry Name	CLC7A_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-7-member-a-clec7a/244547>