

Mouse C-type lectin domain family 11 member A (CLEC11A) ELISA Kit | CLEC11A elisa kit

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CATALOG #
AAA27357

REACTIVITY
Mouse

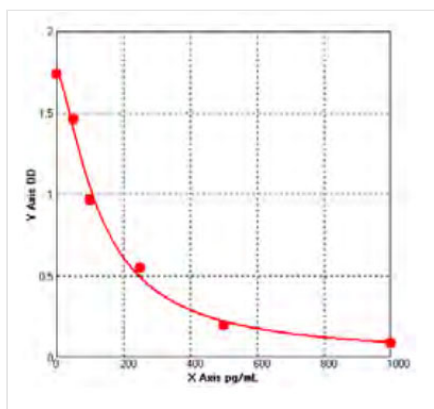
PRODUCT SYNONYMS

C-type lectin domain family 11 member A (CLEC11A); Mouse C-type lectin domain family 11 member A (CLEC11A) ELISA Kit; CLEC11A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CLEC11A. No significant cross-reactivity or interference between CLEC11A and analogues was observed. NOTE: The BALANCE SOLUTION is used only when the sample is cell culture supernatants, body fluid and tissue homogenate; if the sample is serum or plasma, then the BALANCE SOLUTION is a superfluous reagent. cross-reactivity detection between CLEC11A 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 CLEC11A elisa kit	Principle of the Assay: CLEC11A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CLEC11A antibody and an CLEC11A-HRP conjugate. The assay sample and buffer are incubated together with CLEC11A-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 CLEC11A concentration since CLEC11A from samples and CLEC11A-HRP conjugate compete for the anti-CLEC11A antibody binding site. Since the number of sites is limited, as more sites are occupied by CLEC11A from the sample, fewer sites are left to bind CLEC11A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLEC11A concentration in each sample is interpolated from this standard curve. Intended Uses: This CLEC11A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CLEC11A. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for CLEC11A elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	34223087
NCBI GeneID	6320
Molecular Weight	35,695 Da
NCBI Official Full Name	C-type lectin domain family 11 member A
NCBI Official Synonym Full Names	C-type lectin domain family 11, member A
NCBI Official Symbol	CLEC11A
NCBI Official Synonym Symbols	P47; SCGF; LSLCL; CLECSF3
NCBI Protein Information	C-type lectin domain family 11 member A; stem cell growth factor; lymphocyte secreted C-type lectin; C-type lectin superfamily member 3; lymphocyte secreted long form of C-type lectin; C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 3
UniProt Protein Name	C-type lectin domain family 11 member A
UniProt Gene Name	CLEC11A
UniProt Synonym Gene Names	CLECSF3; LSLCL; SCGF
UniProt Entry Name	CLC11_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-11-member-a-clec11a/27357>