

Human C-Type Lectin Domain Family 11, Member A (CLEC11A) ELISA Kit | CLEC11A elisa kit

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CATALOG # AAA187909	REACTIVITY Human
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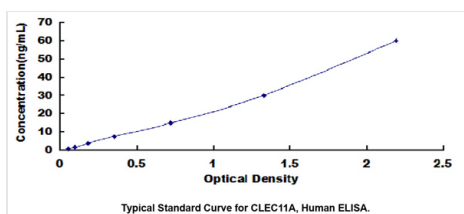
PRODUCT SYNONYMS

C-Type Lectin Domain Family 11; Member A (CLEC11A); Human C-Type Lectin Domain Family 11; Member A (CLEC11A) ELISA Kit; SCGF; P47; LSLCL; CLECSF3; Stem Cell Growth Factor; Lymphocyte Secreted C-Type Lectin; C-type lectin superfamily member 3; CLEC11A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Sequence Length	323
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.94-60ng/mL
Sensitivity	< 0.41ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CLEC11A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CLEC11A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC11A elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CLEC11A. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CLEC11A. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CLEC11A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of CLEC11A in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CLEC11A in human serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506803
NCBI GeneID	6320
NCBI Accession #	NP_002966.1
NCBI GenBank Nucleotide #	NM_002975.2
UniProt Accession #	Q9Y240; B2RAD4
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 containing 11A
NCBI Official Symbol	CLEC11A
NCBI Official Synonym Symbols	P47; SCGF; LSLCL; CLECSF3
NCBI Protein Information	C-type lectin domain family 11 member A
UniProt Protein Name	C-type lectin domain family 11 member A
UniProt Gene Name	CLEC11A
UniProt Synonym Gene Names	CLECSF3; LSLCL; SCGF

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-11-member-a-clec11a/187909>