

Human C-Type Lectin Domain Family 7, Member A (CLEC7A) ELISA Kit | CLEC7A elisa kit

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CATALOG #
AAA187712

REACTIVITY
Human

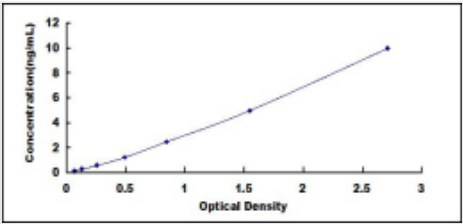
PRODUCT SYNONYMS

C-Type Lectin Domain Family 7; Member A (CLEC7A); Human C-Type Lectin Domain Family 7; Member A (CLEC7A) ELISA Kit; BGR; CLECSF1; CANDF4; CLECSF12; DECTIN1; Beta-glucan receptor; C-type lectin superfamily member 12; Dendritic cell-associated C-type lectin 1; CLEC7A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of C-Type Lectin Domain Family 7, Member A (CLEC7A). No significant cross-reactivity or interference between C-Type Lectin Domain Family 7, Member A (CLEC7A) and analogues was observed.
Sequence Length	201
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.064ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level C-Type Lectin Domain Family 7, Member A (CLEC7A) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level C-Type Lectin Domain Family 7, Member A (CLEC7A) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 CLEC7A elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to C-Type Lectin Domain Family 7, Member A (CLEC7A). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to C-Type Lectin Domain Family 7, Member A (CLEC7A). 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 C-Type Lectin Domain Family 7, Member A (CLEC7A), 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 C-Type Lectin Domain Family 7, Member A (CLEC7A) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13384604
NCBI GeneID	64581
NCBI Accession #	NP_072092.2
NCBI GenBank Nucleotide #	NM_022570.4
UniProt Accession #	Q9BXN2; Q6IPS7; Q96D32; Q96DR9; Q96LD3; Q96PA4; Q96PA5; Q96PA6; B2R861; B7Z494; B7Z5A9; B7Z5B9
Molecular Weight	13,138 Da
NCBI Official Full Name	C-type lectin domain family 7 member A isoform b
NCBI Official Synonym Full Names	C-type lectin domain containing 7A
NCBI Official Symbol	CLEC7A
NCBI Official Synonym Symbols	BGR; CD369; CANDF4; SCARE2; DECTIN1; CLECSF12
NCBI Protein Information	C-type lectin domain family 7 member A
UniProt Protein Name	C-type lectin domain family 7 member A
UniProt Gene Name	CLEC7A
UniProt Synonym Gene Names	BGR; CLECSF12; DECTIN1; DC-associated C-type lectin 1; Dectin-1

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.