

Human C-type lectin domain family 7, member A ELISA Kit | CLEC7A elisa kit

Human C-type lectin domain family 7 member A, CLEC7A ELISA Kit

CATALOG #
AAA112801

REACTIVITY
Human

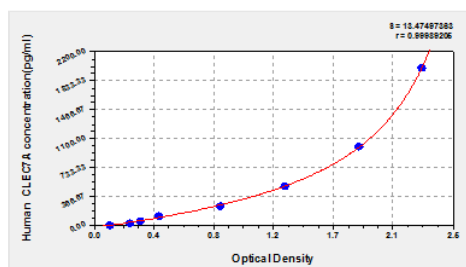
PRODUCT SYNONYMS

C-type lectin domain family 7; member A; Human C-type lectin domain family 7 member A; CLEC7A ELISA Kit; Human C-type lectin domain family 7 member A (CLEC7A) ELISA kit; BGR; CANDF4; CLECSF12; DECTIN1; C-type (calcium dependent; carbohydrate-recognition domain) lectin; superfamily member 12; beta-glucan receptor; dectin-1; dendritic cell-associated C-type lectin 1; dend; CLEC7A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CLEC7A. No significant cross-reactivity or interference between Human CLEC7A and analogues was observed.
Sequence Length	201
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 3	Immunity
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC7A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLEC7A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLEC7A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLEC7A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CLEC7A bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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	27,627 Da
NCBI Official Full Name	C-type lectin domain family 7 member A isoform b
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.