

Rat C-type lectin domain family 10 member A (CLEC10A) ELISA Kit | CLEC10A elisa kit

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CATALOG # AAA245685	REACTIVITY Rat
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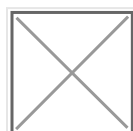
PRODUCT SYNONYMS

C-type lectin domain family 10 member A (CLEC10A); Rat C-type lectin domain family 10 member A (CLEC10A) ELISA Kit; CLEC10A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CLEC10A. No significant cross-reactivity or interference between CLEC10A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CLEC10A 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 CLEC10A elisa kit	Principle of the Assay: CLEC10A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CLEC10A antibody and an CLEC10A-HRP conjugate. The assay sample and buffer are incubated together with CLEC10A-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 CLEC10A concentration since CLEC10A from samples and CLEC10A-HRP conjugate compete for the anti-CLEC10A antibody binding site. Since the number of sites is limited, as more sites are occupied by CLEC10A from the sample, fewer sites are left to bind CLEC10A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLEC10A concentration in each sample is interpolated from this standard curve. Intended Uses: This CLEC10A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CLEC10A. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CLEC10A elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	61889079
NCBI GeneID	64195
NCBI Accession #	NP_071788.2
NCBI GenBank Nucleotide #	NM_022393.2
Molecular Weight	34,242 Da
NCBI Official Full Name	C-type lectin domain family 10 member A
NCBI Official Synonym Full Names	C-type lectin domain family 10, member A
NCBI Official Symbol	Clec10a
NCBI Official Synonym Symbols	Mgl; Mgl1; MglI
NCBI Protein Information	C-type lectin domain family 10 member A; MMGL; M-ASGP-BP; M-ASGP-BP-1; monoglyceride lipase; Gal/GalNAc-specific lectin; macrophage asialoglycoprotein-binding protein 1; macrophage galactose/N-acetylgalactosamine-specific lectin; macrophage galactose N-acetyl-galactosamine specific lectin 1
UniProt Protein Name	C-type lectin domain family 10 member A
UniProt Gene Name	Clec10a
UniProt Synonym Gene Names	Mgl; Mgl1; M-ASGP-BP-1
UniProt Entry Name	CLC10_RAT

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/rat-elisa-kits/c-type-lectin-domain-family-10-member-a-clec10a/245685>