

Human C type lectin domain family 14 member A (CLEC14A) ELISA Kit | CLEC14A elisa kit

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CATALOG # AAA246216	REACTIVITY Human
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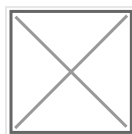
PRODUCT SYNONYMS

C type lectin domain family 14 member A (CLEC14A); Human C type lectin domain family 14 member A (CLEC14A) ELISA Kit; CLEC14A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLEC14A elisa kit	Intended Uses: This CLDN5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CLDN5. This ELISA kit for research use only! Principle of the Assay: CLDN5 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CLDN5 antibody and an CLDN5-HRP conjugate. The assay sample and buffer are incubated together with CLDN5-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 CLDN5 concentration since CLDN5 from samples and CLDN5-HRP conjugate compete for the anti-CLDN5 antibody binding site. Since the number of sites is limited, as more sites are occupied by CLDN5 from the sample, fewer sites are left to bind CLDN5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLDN5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CLEC14A elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	28269707
NCBI GeneID	161198

NCBI Accession #	NP_778230.1
NCBI GenBank Nucleotide #	NM_175060.2
Molecular Weight	51,636 Da
NCBI Official Full Name	C-type lectin domain family 14 member A
NCBI Official Synonym Full Names	C-type lectin domain family 14, member A
NCBI Official Symbol	CLEC14A
NCBI Official Synonym Symbols	CEG1; EGFR-5; C14orf27
NCBI Protein Information	C-type lectin domain family 14 member A; epidermal growth factor receptor 5; CLECT and EGF-like domain containing protein
UniProt Protein Name	C-type lectin domain family 14 member A
UniProt Gene Name	CLEC14A
UniProt Synonym Gene Names	C14orf27; EGFR5; UNQ236/PRO269; EGFR-5
UniProt Entry Name	CLC14_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/human-elisa-kits/c-type-lectin-domain-family-14-member-a-clec14a/246216>