

Mouse Collectin-10 (COLEC10) ELISA Kit | COLEC10 elisa kit

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CATALOG #
AAA245427

REACTIVITY
Mouse

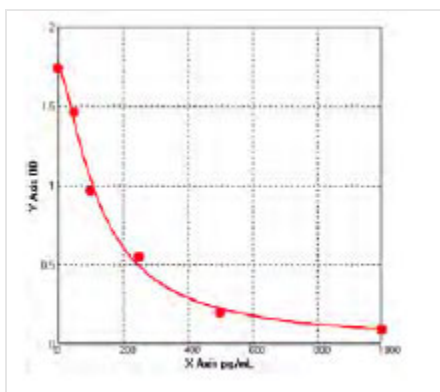
PRODUCT SYNONYMS

Collectin-10 (COLEC10); Mouse Collectin-10 (COLEC10) ELISA Kit; COLEC10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COLEC10 elisa kit

Intended Uses: This COL7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human COL7. This ELISA kit for research use only!

Principle of the Assay: COL7 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for COL7. Standards or samples are then added to the microtiter plate wells and COL7 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of COL7 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for COL7 are added to each well to "sandwich" the COL7 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain COL7 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COL7 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	256017186
NCBI GeneID	10584
NCBI Accession #	NP_006429.2
NCBI GenBank Nucleotide #	NM_006438.3
Molecular Weight	30,705 Da
NCBI Official Full Name	collectin-10
NCBI Official Synonym Full Names	collectin sub-family member 10 (C-type lectin)
NCBI Official Symbol	COLEC10
NCBI Official Synonym Symbols	CLL1
NCBI Protein Information	collectin-10; CL-34; collectin 34; collectin-34; collectin liver 1; collectin liver protein 1
UniProt Protein Name	Collectin-10
UniProt Gene Name	COLEC10
UniProt Synonym Gene Names	CLL1; UNQ366/PRO702; CL-L1; CL-34
UniProt Entry Name	COL10_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.