

Rat Collectin-12 (COLEC12) ELISA Kit | COLEC12 elisa kit

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CATALOG #
AAA246175

REACTIVITY
Rat

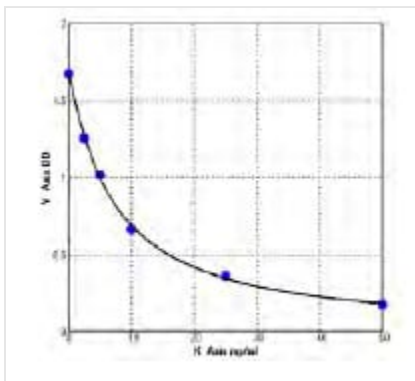
PRODUCT SYNONYMS

Collectin-12 (COLEC12); Rat Collectin-12 (COLEC12) ELISA Kit; COLEC12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 COLEC12 elisa kit

Intended Uses: This COLEC10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse COLEC10. This ELISA kit for research use only!

Principle of the Assay: COLEC10 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-COLEC10 antibody and an COLEC10-HRP conjugate. The assay sample and buffer are incubated together with COLEC10-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 COLEC10 concentration since COLEC10 from samples and COLEC10-HRP conjugate compete for the anti-COLEC10 antibody binding site. Since the number of sites is limited, as more sites are occupied by COLEC10 from the sample, fewer sites are left to bind COLEC10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COLEC10 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	565309958
Molecular Weight	78,507 Da
NCBI Official Full Name	Collectin-12, partial
UniProt Protein Name	Collectin-12
UniProt Gene Name	COLEC12
UniProt Synonym Gene Names	L345_10917
UniProt Entry Name	V8NMM8_OPHHA

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://www.aaabiotech.com/rat-elisa-kits/collectin-12-colec12/246175>