

Mouse collectin sub-family member 11, COLEC11 ELISA Kit | COLEC11 elisa kit

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CATALOG #
AAA245024

REACTIVITY
Mouse

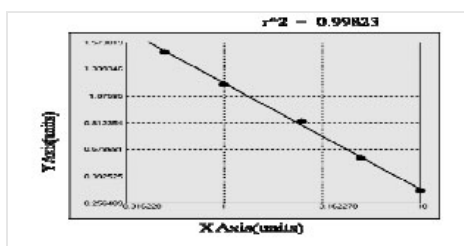
PRODUCT SYNONYMS

collectin sub-family member 11; COLEC11; Mouse collectin sub-family member 11; COLEC11 ELISA Kit; COLEC11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
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 COLEC11 elisa kit

Intended Uses: This COLEC11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse COLEC11. This ELISA kit for research use only!

Principle of the Assay: COLEC11 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-COLEC11 antibody and an COLEC11-HRP conjugate. The assay sample and buffer are incubated together with COLEC11-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 COLEC11 concentration since COLEC11 from samples and COLEC11-HRP conjugate compete for the anti-COLEC11 antibody binding site. Since the number of sites is limited, as more sites are occupied by COLEC11 from the sample, fewer sites are left to bind COLEC11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COLEC11 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for COLEC11 elisa kit

[Immunology](#)

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.

