

Rat Collectin Liver 1 ELISA Kit | CLL1 elisa kit

Rat Collectin Liver 1 ELISA Kit

CATALOG #
AAA85933

REACTIVITY
Rat

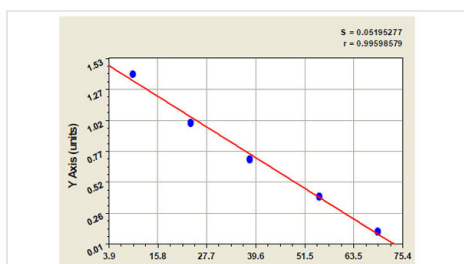
PRODUCT SYNONYMS

Collectin Liver 1; Rat Collectin Liver 1 ELISA Kit; CLL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CLL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CLL1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLL1 elisa kit

Principle of the assay: CLL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CLL1 antibody and an CLL1-HRP conjugate. The assay sample and buffer are incubated together with CLL1-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 CLL1 concentration since CLL1 from samples and CLL1-HRP conjugate compete for the anti-CLL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CLL1 from the sample, fewer sites are left to bind CLL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLL1 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/cll1-rat-elisa-kits/collectin-liver-1/85933>