

Rat Resistin-like molecule beta ELISA Kit | RELMb elisa kit

Rat Resistin-like molecule beta ELISA Kit

CATALOG #
AAA95985

REACTIVITY
Rat

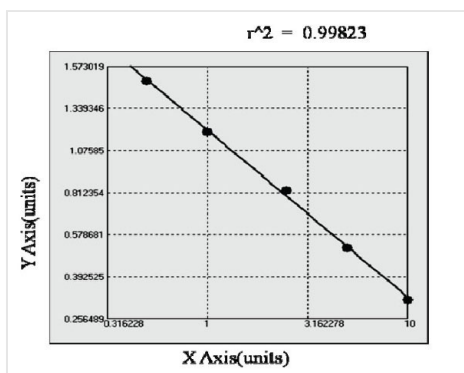
PRODUCT SYNONYMS

Resistin-like molecule beta; Rat Resistin-like molecule beta ELISA Kit; RELMb 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 RELMb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat RELMb. 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 RELMb elisa kit

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

Product Categories/Family for RELMb elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	14211897
NCBI GeneID	84666
NCBI Accession #	NP_115968.1
NCBI GenBank Nucleotide #	NM_032579.2
Molecular Weight	11,730 Da
NCBI Official Full Name	resistin-like beta
NCBI Official Synonym Full Names	resistin like beta
NCBI Official Symbol	RETNLB
NCBI Official Synonym Symbols	XCP2; FIZZ1; FIZZ2; HXCP2; RELMb; RELMbeta; RELM-beta
NCBI Protein Information	resistin-like beta; found in inflammatory zone 1; colon carcinoma-related gene protein; cysteine-rich secreted protein FIZZ2; cysteine-rich secreted A12-alpha-like protein 1; cysteine-rich secreted protein A12-alpha-like 1; colon and small intestine-specific cysteine-rich protein; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 2
UniProt Protein Name	Resistin-like beta
UniProt Gene Name	RETNLB
UniProt Synonym Gene Names	CCRG; FIZZ2; HXCP2; RETNL2; UNQ408/PRO770
UniProt Entry Name	RETNB_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/reldb-rat-elisa-kits/resistin-like-molecule-beta/95985>