

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

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CATALOG #
AAA94812

REACTIVITY
Mouse

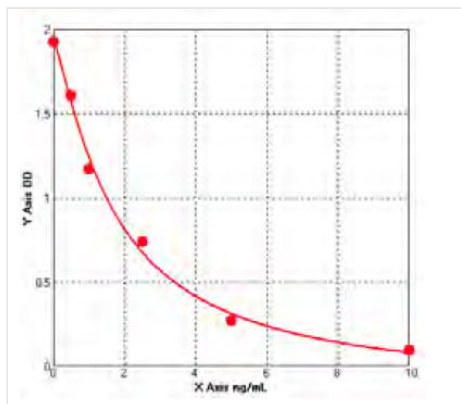
PRODUCT SYNONYMS

Resistin-like molecule beta; Mouse Resistin-like molecule beta ELISA Kit; RELMb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RELMbeta. No significant cross-reactivity or interference between RELMbeta and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RELMbeta and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 RELMb elisa kit	Intended Uses: This RELMbeta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MouseRELMbeta. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: RELMbeta ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RELMbeta antibody and an RELMbeta-HRP conjugate. The assay sample and buffer are incubated together with RELMbeta-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 RELMbeta concentration since RELMbeta from samples and RELMbeta-HRP conjugate compete for the anti-RELMbeta antibody binding site. Since the number of sites is limited, as more sites are occupied by RELMbeta from the sample, fewer sites are left to bind RELMbeta-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RELMbeta 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-mouse-elisa-kits/resistin-like-molecule-beta/94812>