

Human Retinoic Acid Early Transcript 1L ELISA Kit | RAET1L elisa kit

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CATALOG #
AAA87310

REACTIVITY
Human

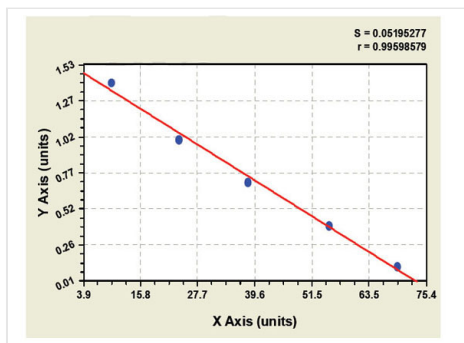
PRODUCT SYNONYMS

Retinoic Acid Early Transcript 1L; Human Retinoic Acid Early Transcript 1L ELISA Kit; RAET1L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAET1L elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This BG RAET1L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RAET1L. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY RAET1L ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RAET1L antibody and an RAET1L-HRP conjugate. The assay sample and buffer are incubated together with RAET1L-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 RAET1L concentration since RAET1L from samples and RAET1L-HRP conjugate compete for the anti-RAET1L antibody binding site. Since the number of sites is limited, as more sites are occupied by RAET1L from the sample, fewer sites are left to bind RAET1L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RAET1L concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RAET1L elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723295
NCBI GeneID	154064
NCBI Accession #	NP_570970.2
NCBI GenBank Nucleotide #	NM_130900.2
Molecular Weight	27,509 Da
NCBI Official Full Name	retinoic acid early transcript 1L protein
NCBI Official Synonym Full Names	retinoic acid early transcript 1L
NCBI Official Symbol	RAET1L
NCBI Official Synonym Symbols	ULBP6
NCBI Protein Information	retinoic acid early transcript 1L protein; UL16 binding protein 6
UniProt Protein Name	Retinoic acid early transcript 1L protein
UniProt Gene Name	RAET1L
UniProt Entry Name	RET1L_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.