

Human Retinoic Acid Early Transcript 1G ELISA Kit | RAET1G elisa kit

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CATALOG #
AAA93736

REACTIVITY
Human

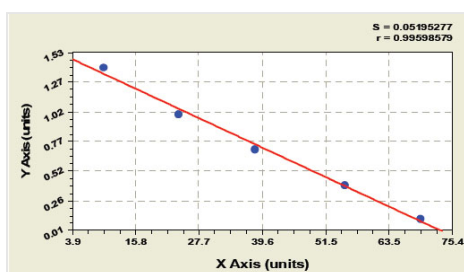
PRODUCT SYNONYMS

Retinoic Acid Early Transcript 1G; Human Retinoic Acid Early Transcript 1G ELISA Kit; RAET1G elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This RAET-1G ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RAET-1G. 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 RAET1G elisa kit

Principle of the assay: RAET-1G ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RAET-1G antibody and an RAET-1G-HRP conjugate. The assay sample and buffer are incubated together with RAET-1G-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 RAET-1G concentration since RAET-1G from samples and RAET-1G-HRP conjugate compete for the anti-RAET-1G antibody binding site. Since the number of sites is limited, as more sites are occupied by RAET-1G from the sample, fewer sites are left to bind RAET-1G-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RAET-1G concentration in each sample is interpolated from this standard curve.

Product Categories/Family for RAET1G elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	130484306
NCBI GeneID	353091
NCBI Accession #	NP_001001788.2
NCBI GenBank Nucleotide #	NM_001001788.2
UniProt Accession #	Q6H3X3; Q6H3X2
Molecular Weight	37,106 Da
NCBI Official Full Name	retinoic acid early transcript 1G protein
NCBI Official Synonym Full Names	retinoic acid early transcript 1G
NCBI Official Symbol	RAET1G
NCBI Official Synonym Symbols	ULBP5
NCBI Protein Information	retinoic acid early transcript 1G protein; retinoic acid early transcript 1G pseudogene
UniProt Protein Name	Retinoic acid early transcript 1G protein
UniProt Gene Name	RAET1G
UniProt Entry Name	RET1G_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.

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Online datasheet: <https://stage.aaabiotech.com/raet1g-human-elisa-kits/retinoic-acid-early-transcript-1g/93736>