

Mouse mRNA export factor (RAE1) ELISA Kit | RAE1 elisa kit

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CATALOG #
AAA245616

REACTIVITY
Mouse

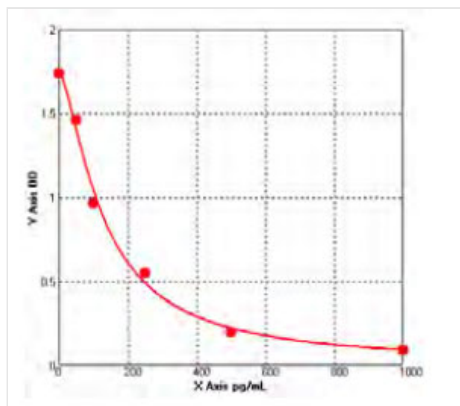
PRODUCT SYNONYMS

mRNA export factor (RAE1); Mouse mRNA export factor (RAE1) ELISA Kit; RAE1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RAE1. No significant cross-reactivity or interference between RAE1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RAE1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAE1 elisa kit	Principle of the Assay: RAE1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-RAE1 antibody and an RAE1-HRP conjugate. The assay sample and buffer are incubated together with RAE1-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 RAE1 concentration since RAE1 from samples and RAE1-HRP conjugate compete for the anti-RAE1 antibody binding site. Since the number of sites is limited, as more sites are occupied by RAE1 from the sample, fewer sites are left to bind RAE1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RAE1 concentration in each sample is interpolated from this standard curve. Intended Uses: This RAE1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse RAE1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for RAE1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739173
NCBI GeneID	8480
NCBI Accession #	NP_001015885.1
NCBI GenBank Nucleotide #	NM_001015885.1
Molecular Weight	40,968 Da
NCBI Official Full Name	mRNA export factor
NCBI Official Synonym Full Names	ribonucleic acid export 1
NCBI Official Symbol	RAE1
NCBI Official Synonym Symbols	MIG14; MRNP41; Mnrp41; dJ481F12.3; dJ800J21.1
NCBI Protein Information	mRNA export factor; mRNA export protein; rae1 protein homolog; RAE1 RNA export 1 homolog; migration-inducing gene 14; mRNA-binding protein, 41-kD; mRNA-associated protein MRNP 41; homolog of yeast Rae1 (Bharathi) mRNA-associated protein of 41 kDa (Kraemer)
UniProt Protein Name	mRNA export factor
UniProt Gene Name	RAE1
UniProt Synonym Gene Names	MRNP41
UniProt Entry Name	RAE1L_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://www.aaabiotech.com/mouse-elisa-kits/mrna-export-factor-rae1/245616>