

Human Ras responsive element binding protein 1 (RREB1) ELISA Kit | RREB1 elisa kit

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CATALOG #
AAA246818

REACTIVITY
Human

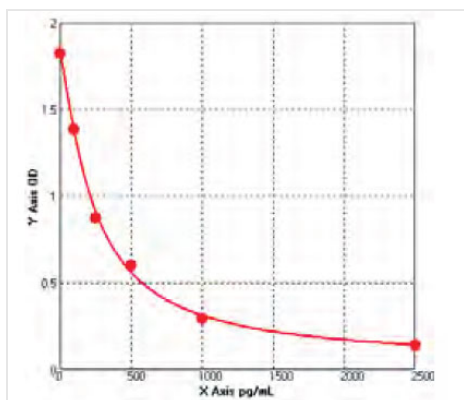
PRODUCT SYNONYMS

Ras responsive element binding protein 1 (RREB1); Human Ras responsive element binding protein 1 (RREB1) ELISA Kit; RREB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RREB1. No significant cross-reactivity or interference between RREB1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RREB1 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 RREB1 elisa kit	Intended Uses: This RREB1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RREB1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: RREB1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RREB1 antibody and an RREB1-HRP conjugate. The assay sample and buffer are incubated together with RREB1-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 RREB1 concentration since RREB1 from samples and RREB1-HRP conjugate compete for the anti-RREB1 antibody binding site. Since the number of sites is limited, as more sites are occupied by RREB1 from the sample, fewer sites are left to bind RREB1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RREB1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RREB1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	51173737
NCBI GeneID	6239
NCBI Accession #	NP_001003699.1
NCBI GenBank Nucleotide #	NM_001003699.3
Molecular Weight	34,614 Da
NCBI Official Full Name	ras-responsive element-binding protein 1 isoform 1
NCBI Official Synonym Full Names	ras responsive element binding protein 1
NCBI Official Symbol	RREB1
NCBI Official Synonym Symbols	HNT; FINB; LZ321; Zep-1; RREB-1
NCBI Protein Information	ras-responsive element-binding protein 1; hindsight homolog; DNA-binding protein; finger protein in nuclear bodies; raf-responsive zinc finger protein LZ321; zinc finger motif enhancer binding protein 1; zinc finger motif enhancer-binding protein 1; zinc finger motif-enhancer binding-protein 1
UniProt Protein Name	Ras-responsive element-binding protein 1
UniProt Gene Name	RREB1
UniProt Synonym Gene Names	FINB; RREB-1; Zep-1
UniProt Entry Name	RREB1_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.