

Human RaA Binding Protein 1 (RALBP1) ELISA Kit | RALBP1 elisa kit

Human RaA Binding Protein 1 (RALBP1) ELISA Kit

CATALOG #
AAA187277

REACTIVITY
Human

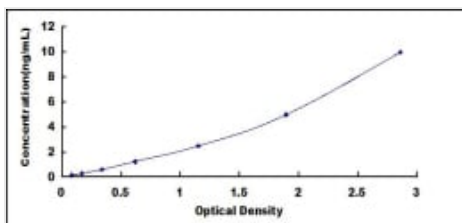
PRODUCT SYNONYMS

RaA Binding Protein 1 (RALBP1); Human RaA Binding Protein 1 (RALBP1) ELISA Kit; RIP; RIP1; RLIP76; 76 kDa RaA-interacting protein; RaA-interacting protein 1; Dinitrophenyl S-glutathione ATPase; RALBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RaA Binding Protein 1 (RALBP1). No significant cross-reactivity or interference between RaA Binding Protein 1 (RALBP1) and analogues was observed.
Sequence Length	655
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.054ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level RaA Binding Protein 1 (RALBP1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level RaA Binding Protein 1 (RALBP1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RALBP1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to RaIA Binding Protein 1 (RALBP1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to RaIA Binding Protein 1 (RALBP1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain RaIA Binding Protein 1 (RALBP1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of RaIA Binding Protein 1 (RALBP1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803145
NCBI GeneID	10928
NCBI Accession #	NP_006779.1
NCBI GenBank Nucleotide #	NM_006788.3
UniProt Accession #	Q15311; D3DUI0
Molecular Weight	76,063 Da
NCBI Official Full Name	ralA-binding protein 1
NCBI Official Synonym Full Names	ralA binding protein 1
NCBI Official Symbol	RALBP1
NCBI Official Synonym Symbols	RIP1; RLIP1; RLIP76
NCBI Protein Information	ralA-binding protein 1
UniProt Protein Name	RaIA-binding protein 1
UniProt Gene Name	RALBP1
UniProt Synonym Gene Names	RLIP1; RLIP76; RaIBP1; DNP-SG ATPase

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.