

Human Dexamethasone-Induced Ras-Related Protein 1 (RASD1) RTU ELISA Kit | RASD1 rtu elisa kit

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CATALOG #
AAA219724

REACTIVITY
Human

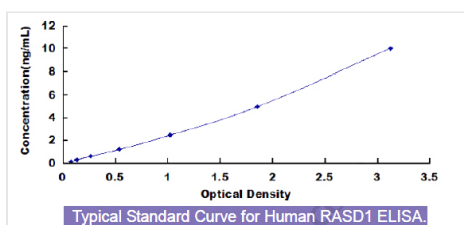
PRODUCT SYNONYMS

Dexamethasone-Induced Ras-Related Protein 1 (RASD1); Human Dexamethasone-Induced Ras-Related Protein 1 (RASD1) ELISA Kit; Activator of G-protein signaling 1; RASD1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RAN. No significant cross-reactivity or interference between RAN and analogues was observed.
Sequence Length	122
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	35.2pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RAN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RAN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RASD1 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of RAN in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RAN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RAN. 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 RAN, 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 RAN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	317008582
NCBI GeneID	51655
NCBI Accession #	NP_001186918.1
NCBI GenBank Nucleotide #	NP_001186918.1
UniProt Accession #	Q9Y272
NCBI Official Full Name	dexamethasone-induced Ras-related protein 1 isoform 2
NCBI Official Synonym Full Names	ras related dexamethasone induced 1
NCBI Official Symbol	RASD1
NCBI Official Synonym Symbols	AGS1; DEXRAS1; MGC:26290
NCBI Protein Information	dexamethasone-induced Ras-related protein 1
UniProt Protein Name	Dexamethasone-induced Ras-related protein 1
UniProt Gene Name	RASD1
UniProt Synonym Gene Names	AGS1; DEXRAS1
UniProt Entry Name	RASD1_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.