

Human Ras Association Domain Containing Protein 1 (RASSF1) ELISA Kit | RASSF1 elisa kit

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CATALOG # AAA68671	REACTIVITY Human
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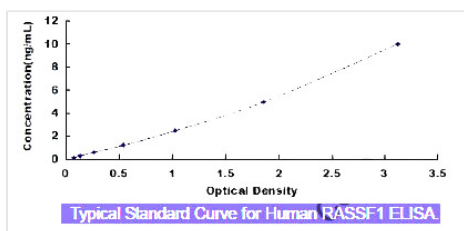
PRODUCT SYNONYMS

Ras Association Domain Containing Protein 1 (RASSF1); Human Ras Association Domain Containing Protein 1 (RASSF1) ELISA Kit; 123F2; NORE2A; RASSF1A; RDA32; REH3P21; RASSF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RASD1. No significant cross-reactivity or interference between RASD1 and analogues was observed.
Sequence Length	189
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.065ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RASD1 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 RASD1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RASSF1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of RASD1 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 RASD1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RASD1. 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 RASD1, 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 RASD1 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 #	332701155
NCBI GeneID	11186
NCBI Accession #	NP_001193886.1
NCBI GenBank Nucleotide #	NM_001206957.1
UniProt Accession #	Q9NS23; O14571; O60539; O60710; Q0VGC6; Q5TZX2; Q9HB04; Q9HB18; Q9NS22; Q9UND4; Q9UND5; B7ZLL1
Molecular Weight	8,656 Da
NCBI Official Full Name	ras association domain-containing protein 1 isoform B
NCBI Official Synonym Full Names	Ras association domain family member 1
NCBI Official Symbol	RASSF1
NCBI Official Synonym Symbols	123F2; RDA32; NORE2A; RASSF1A; REH3P21
NCBI Protein Information	ras association domain-containing protein 1
UniProt Protein Name	Ras association domain-containing protein 1
UniProt Gene Name	RASSF1

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/human-elisa-kits/ras-association-domain-containing-protein-1-rassf1/68671>