

Rat Ras-related protein ELISA Kit | R-Ras elisa kit

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CATALOG #
AAA247244

REACTIVITY
Rat

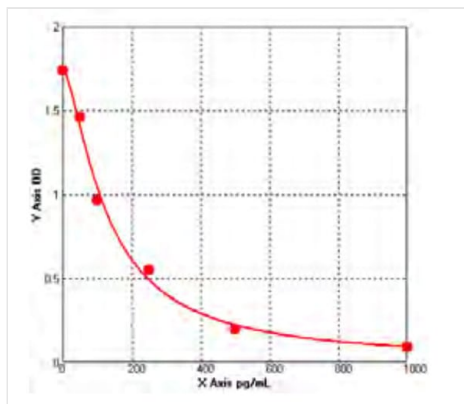
PRODUCT SYNONYMS

Ras-related protein; Rat Ras-related protein ELISA Kit; R-Ras elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of RvD1. No significant cross-reactivity or interference between RvD1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RvD1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	281
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for R-Ras elisa kit	Principle of the Assay: RvD1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-RvD1 antibody and an RvD1-HRP conjugate. The assay sample and buffer are incubated together with RvD1-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 RvD1 concentration since RvD1 from samples and RvD1-HRP conjugate compete for the anti-RvD1 antibody binding site. Since the number of sites is limited, as more sites are occupied by RvD1 from the sample, fewer sites are left to bind RvD1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RvD1 concentration in each sample is interpolated from this standard curve. Intended Uses: This RvD1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat RvD1. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6014489
NCBI GeneID	51655
Molecular Weight	13,848 Da
NCBI Official Full Name	ras-related protein
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

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.