

Rat Viperin ELISA Kit | Rsad2 elisa kit

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CATALOG #
AAA68458

REACTIVITY
Rat

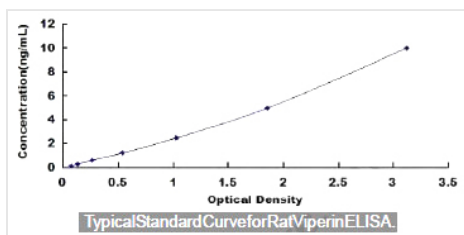
PRODUCT SYNONYMS

Viperin; Rat Viperin ELISA Kit; Cig5; RSAD2; vig1; Radical S-Adenosyl Methionine Domain Containing 2; Endoplasmic Reticulum-Associated; Interferon-Inducible; Cytomegalovirus-induced gene 5; Rsad2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Viperin. No significant cross-reactivity or interference between Viperin and analogues was observed.
Sequence Length	360
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.055ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Viperin 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 Viperin 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 Rsad2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of Viperin in rat 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 Viperin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Viperin. 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 Viperin, 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 Viperin 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 #	20302057
NCBI GeneID	65190
NCBI Accession #	NP_620236.1
NCBI GenBank Nucleotide #	NM_138881.1
UniProt Accession #	O70600
Molecular Weight	41,255 Da
NCBI Official Full Name	radical S-adenosyl methionine domain-containing protein 2
NCBI Official Synonym Full Names	radical S-adenosyl methionine domain containing 2
NCBI Official Symbol	Rsad2
NCBI Official Synonym Symbols	Vig1; Best5
NCBI Protein Information	radical S-adenosyl methionine domain-containing protein 2
UniProt Protein Name	Radical S-adenosyl methionine domain-containing protein 2
UniProt Gene Name	Rsad2

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.