

Human Viperin ELISA Kit | RSAD2 elisa kit

Human Viperin ELISA Kit

CATALOG #
AAA13977

REACTIVITY
Human

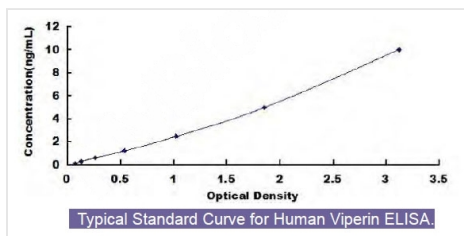
PRODUCT SYNONYMS

Viperin; Human 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	Human
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	361
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/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%
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 RSAD2 elisa kit	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. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of Viperin in human tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19923667
NCBI GeneID	91543
NCBI Accession #	NP_542388.2
NCBI GenBank Nucleotide #	NM_080657.4
UniProt Accession #	Q8WVG1; Q8WVI4
Molecular Weight	42,170 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	cig5; vig1; cig33; 2510004L01Rik
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.