

Human Virus Induced Signaling Adapter (VISA) ELISA Kit | VISA elisa kit

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CATALOG #
AAA136410

REACTIVITY
Human

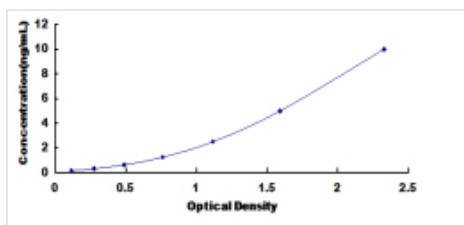
PRODUCT SYNONYMS

Virus Induced Signaling Adapter (VISA); Human Virus Induced Signaling Adapter (VISA) ELISA Kit; CARDIF; IPS1; MAVS; Mitochondrial Antiviral-Signaling Protein; Interferon beta promoter stimulator protein 1; CARD Adaptor Inducing IFN-beta; NF-kappa-B-activating protein 031N; VISA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Virus Induced Signaling Adapter (VISA). No significant cross-reactivity or interference between Virus Induced Signaling Adapter (VISA) and analogues was observed.
Sequence Length	540
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Virus Induced Signaling Adapter (VISA) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Virus Induced Signaling Adapter (VISA) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VISA elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Virus Induced Signaling Adapter (VISA). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Virus Induced Signaling Adapter (VISA). 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 Virus Induced Signaling Adapter (VISA), 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 Virus Induced Signaling Adapter (VISA) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for VISA elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	27924145
NCBI GeneID	57506
UniProt Accession #	Q7Z434; Q2HWT5; Q3I0Y2; Q5T7I6; Q86VY7; Q9H1H3; Q9H4Y1; A8K6X0; B2BD33; B2BD34; F5H6C8; M1P2Z0
Molecular Weight	15,012 Da
NCBI Official Full Name	Virus-induced signaling adapter
NCBI Official Synonym Full Names	mitochondrial antiviral signaling protein
NCBI Official Symbol	MAVS
NCBI Official Synonym Symbols	IPS1; VISA; IPS-1; CARDIF
NCBI Protein Information	mitochondrial antiviral-signaling protein
UniProt Protein Name	Mitochondrial antiviral-signaling protein
UniProt Gene Name	MAVS
UniProt Synonym Gene Names	IPS1; KIAA1271; VISA; MAVS; Cardif; IPS-1; VISA
UniProt Entry Name	MAVS_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.