

Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1) ELISA Kit | SPI1 elisa kit

Rat Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1) ELISA Kit

CATALOG #
AAA187823

REACTIVITY
Rat

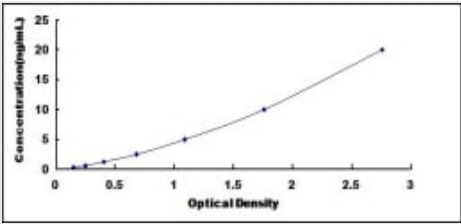
PRODUCT SYNONYMS

Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1); Rat Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1) ELISA Kit; OF; PU.1; SFPI1; SPI-1; SPI-A; SPI-1 Proto-Oncogene; Hematopoietic Transcription Factor PU.1; 31 kDa Transforming Protein; SPI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1). No significant cross-reactivity or interference between Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1) and analogues was observed.
Sequence Length	271
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.116ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1) 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 SPI1 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 Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1). 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 Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1), 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 Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119588332
NCBI GeneID	6688
UniProt Accession #	P17947
Molecular Weight	31,211 Da
NCBI Official Full Name	spleen focus forming virus (SFFV) proviral integration oncogene spi1, isoform CRA_c, partial
NCBI Official Synonym Full Names	Spi-1 proto-oncogene
NCBI Official Symbol	SPI1
NCBI Official Synonym Symbols	OF; PU.1; SFPI1; SPI-1; SPI-A
NCBI Protein Information	transcription factor PU.1
UniProt Protein Name	Transcription factor PU.1
UniProt Gene Name	SPI1

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/rat-elisa-kits/spleen-focus-forming-virus-proviral-integration-oncogene-spi1/187823>