

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

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CATALOG # AAA68713	REACTIVITY Mouse
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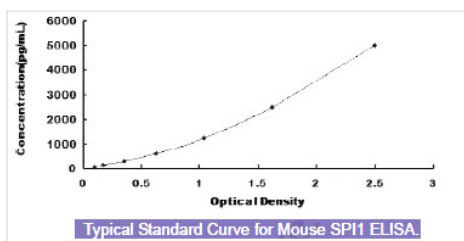
PRODUCT SYNONYMS

Spleen Focus Forming Virus Proviral Integration Oncogene (SPI1); Mouse 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	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SPI1. No significant cross-reactivity or interference between SPI1 and analogues was observed.
Sequence Length	272
Samples	Tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	<31ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SPI1 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 SPI1 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 SPI1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SPI1 in mouse tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SPI1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 SPI1 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 #	6755474
NCBI GeneID	20375
NCBI Accession #	NP_035485.1
NCBI GenBank Nucleotide #	NM_011355.2
UniProt Accession #	P17433; Q99L57
Molecular Weight	31,349 Da
NCBI Official Full Name	transcription factor PU.1
NCBI Official Synonym Full Names	spleen focus forming virus (SFFV) proviral integration oncogene
NCBI Official Symbol	Spi1
NCBI Official Synonym Symbols	Dis1; PU.1; Dis-1; Sfpi1; Spi-1; Sfpi-1; Tcfpu1; Tfpu.1
NCBI Protein Information	transcription factor PU.1
UniProt Protein Name	Transcription factor PU.1
UniProt Gene Name	Spi1
UniProt Synonym Gene Names	Sfpi-1; Sfpi1

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/mouse-elisa-kits/spleen-focus-forming-virus-proviral-integration-oncogene-spi1/68713>