

Mouse Transcription Factor Spi-C (SPIC) ELISA Kit | SPIC elisa kit

Mouse Transcription Factor Spi-C (SPIC) ELISA Kit

CATALOG #
AAA332388

REACTIVITY
Mouse

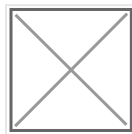
PRODUCT SYNONYMS

Transcription Factor Spi-C (SPIC); Mouse Transcription Factor Spi-C (SPIC) ELISA Kit; SPIC; MGC40611; SPI-C; SPIC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Transcription factor Spi-C (SPIC) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SPIC. No significant cross-reactivity or interference between Mouse SPIC and analogues was observed.
Sequence Length	242
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	12.5 ng/L - 200 ng/L
Sensitivity	< 1ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPIC elisa kit

Background: The protein encoded by SPIC regulates the development of red pulp macrophages, which are necessary for iron homeostasis and the recycling of red blood cells.

Principle of the Assay: Mouse Transcription factor Spi-C (SPIC) ELISA Kit employs a two-site sandwich ELISA to quantitate SPIC in samples. An antibody specific for SPIC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPIC present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse SPIC detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SPIC bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	165932335
NCBI GeneID	20728
NCBI Accession #	NP_035591
NCBI GenBank Nucleotide #	NP_035591.3
UniProt Accession #	Q6P3D7
NCBI Official Full Name	transcription factor Spi-C
NCBI Official Synonym Full Names	Spi-C transcription factor (Spi-1/PU.1 related)
NCBI Official Symbol	Spic
NCBI Official Synonym Symbols	Prf; Spi-C; C76795; AU019198
NCBI Protein Information	transcription factor Spi-C
UniProt Protein Name	Transcription factor Spi-C
UniProt Gene Name	Spic
UniProt Synonym Gene Names	Prf
UniProt Entry Name	SPIC_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/transcription-factor-spi-c-spic/332388>