

Human Transcription Factor PU.1 (SPI1) ELISA Kit | SPI1 elisa kit

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CATALOG #
AAA330739

REACTIVITY
Human

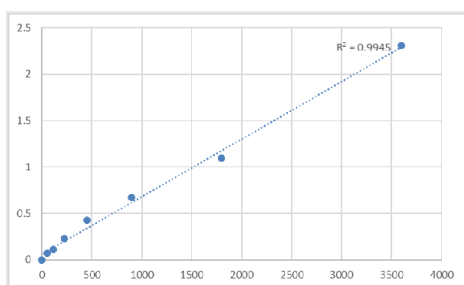
PRODUCT SYNONYMS

Transcription Factor PU.1 (SPI1); Human Transcription Factor PU.1 (SPI1) ELISA Kit; SPI1; hCG_25181; OF; PU.1; SFPI1; SPI-1; SPI-A; 31 kDa transforming protein; SPI-1 proto-oncogene; hematopoietic transcription factor PU.1; SPI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transcription factor PU.1 (SPI1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPI1. No significant cross-reactivity or interference between Human SPI1 and analogues was observed.
Sequence Length	271
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Transcription factor PU.1 (SPI1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPI1 elisa kit	Description: This Human Transcription factor PU.1 (SPI1) ELISA Kit employs a two-site sandwich ELISA to quantitate SPI1 in samples. An antibody specific for SPI1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPI1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPI1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SPI1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Transcription factor PU.1 (SPI1) is an ETS-domain transcription factor that activates gene expression during myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. SPI1 can also regulate alternative splicing of target genes. Multiple transcript variants encoding different isoforms have been found for SPI1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124028521
NCBI GeneID	6688
NCBI Accession #	NP_001074016.1
NCBI GenBank Nucleotide #	NP_001074016.1
UniProt Accession #	P17947
NCBI Official Full Name	transcription factor PU.1 isoform 1
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
UniProt Entry Name	SPI1_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.