

Human PC4 And SFRS1 Interacting Protein 1 (PSIP1) ELISA Kit | PSIP1 elisa kit

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CATALOG #
AAA331268

REACTIVITY
Human

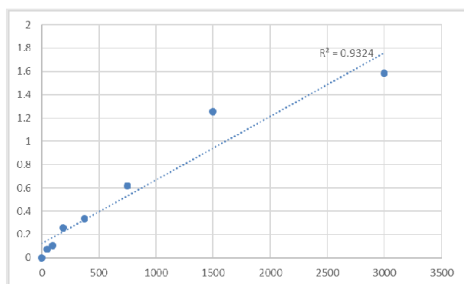
PRODUCT SYNONYMS

PC4 And SFRS1 Interacting Protein 1 (PSIP1); Human PC4 And SFRS1 Interacting Protein 1 (PSIP1) ELISA Kit; PSIP1; DFS70; LEDGF; MGC74712; PAIP; PSIP2; p52; p75; transcriptional coactivator p52/p75; PSIP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human PC4 and SFRS1 interacting protein 1 (PSIP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human PSIP1. No significant cross-reactivity or interference between Human PSIP1 and analogues was observed.
Sequence Length	530
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 PC4 and SFRS1 interacting protein 1 (PSIP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PSIP1 elisa kit	Description: This Human PC4 and SFRS1 interacting protein 1 (PSIP1) ELISA Kit employs a two-site sandwich ELISA to quantitate PSIP1 in samples. An antibody specific for PSIP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PSIP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PSIP1 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 PSIP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PC4 and SFRS1 interacting protein 1, also known as lens epithelium-derived growth factor (LEDGF/p75), dense fine speckles 70kD protein (DFS 70) or transcriptional coactivator p75/p52, is a protein that in humans is encoded by the PSIP1 gene. PSIP1 has not been clearly linked to a specific cellular mechanism. The term LEDGF/p75 (Lens epithelium-derived growth factor) has entered common usage based on the initial characterization of PSIP1, however this is a misnomer, as the protein is present in most tissues and has no direct role in the development of lens epithelium. LEDGF/p75, a transcription coactivator, gained prominence as a host factor that assists HIV integration and is probably the only integrase interactor whose knock-down severely affects the HIV integration levels. The interaction between HIV integrase and human LEDGF/p75 is a promising target for anti-HIV drug discovery.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190014588
NCBI GeneID	11168
NCBI Accession #	NP_001121689.1
NCBI GenBank Nucleotide #	NP_001121689.1
UniProt Accession #	O75475
NCBI Official Full Name	PC4 and SFRS1-interacting protein isoform 2
NCBI Official Synonym Full Names	PC4 and SFRS1 interacting protein 1
NCBI Official Symbol	PSIP1
NCBI Official Synonym Symbols	p52; p75; PAIP; DFS70; LEDGF; PSIP2
NCBI Protein Information	PC4 and SFRS1-interacting protein
UniProt Protein Name	PC4 and SFRS1-interacting protein
UniProt Gene Name	PSIP1
UniProt Synonym Gene Names	DFS70; LEDGF; PSIP2; DFS 70
UniProt Entry Name	PSIP1_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pc4-and-sfrs1-interacting-protein-1-psip1/331268>