

Human Pre-mRNA-Processing Factor 6 (PRPF6) ELISA Kit | PRPF6 elisa kit

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CATALOG #
AAA331299

REACTIVITY
Human

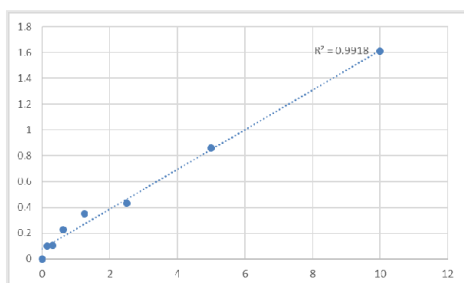
PRODUCT SYNONYMS

Pre-mRNA-Processing Factor 6 (PRPF6); Human Pre-mRNA-Processing Factor 6 (PRPF6) ELISA Kit; PRPF6; ANT-1; C20orf14; TOM; U5-102K; hPrp6; PRP6 pre-mRNA processing factor 6 homolog; U5 snRNP-associated 102 kDa protein; androgen receptor N-terminal domain transactivating protein-1; p102 U5 small nuclea; PRPF6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Pre-mRNA-processing factor 6 (PRPF6) ELISA Kit has high sensitivity and excellent specificity for detection of Human PRPF6. No significant cross-reactivity or interference between Human PRPF6 and analogues was observed.
Sequence Length	941
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 Pre-mRNA-processing factor 6 (PRPF6) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PRPF6 elisa kit	Description: This Human Pre-mRNA-processing factor 6 (PRPF6) ELISA Kit employs a two-site sandwich ELISA to quantitate PRPF6 in samples. An antibody specific for PRPF6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRPF6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRPF6 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 PRPF6 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PRP6 appears to be involved in pre-mRNA splicing, possibly acting as a bridging factor between U5 and U4/U6 snRNPs in formation of the spliceosome. The encoded protein also can bind androgen receptor, providing a link between transcriptional activation and splicing. Predicted amino acid sequence of the protein is similar to those of yeast splicing factors, Prp1p/Zer1p of Schizosaccharomyces pombe and Prp6p of Saccharomyces cerevisiae. Among these proteins, tetratricopeptide repeat (TPR) motif, which mediates protein-protein interactions, is conserved, whereas leucine zipper motif is found only in the 100-kDa protein. Indirect immunofluorescent staining showed that the 100-kDa protein localized in the nucleus in HeLa cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40807485
NCBI GeneID	24148
NCBI Accession #	NP_036601
NCBI GenBank Nucleotide #	NP_036601.2
UniProt Accession #	O94906
NCBI Official Full Name	pre-mRNA-processing factor 6
NCBI Official Synonym Full Names	pre-mRNA processing factor 6
NCBI Official Symbol	PRPF6
NCBI Official Synonym Symbols	TOM; ANT1; Prp6; RP60; ANT-1; hPrp6; U5-102K; C20orf14; SNRNP102
NCBI Protein Information	pre-mRNA-processing factor 6
UniProt Protein Name	Pre-mRNA-processing factor 6
UniProt Gene Name	PRPF6
UniProt Synonym Gene Names	C20orf14; ANT-1; U5-102 kDa protein
UniProt Entry Name	PRP6_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/pre-mrna-processing-factor-6-prpf6/331299>