

Human Tumor Protein p53-Inducible Protein 11 (TP53I11) ELISA Kit | TP53I11 elisa kit

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CATALOG #
AAA330376

REACTIVITY
Human

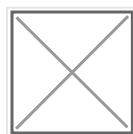
PRODUCT SYNONYMS

Tumor Protein p53-Inducible Protein 11 (TP53I11); Human Tumor Protein p53-Inducible Protein 11 (TP53I11) ELISA Kit; TP53I11; PIG11; p53-induced protein; TP53I11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tumor protein p53-inducible protein 11 (TP53I11) ELISA Kit has high sensitivity and excellent specificity for detection of Human TP53I11. No significant cross-reactivity or interference between Human TP53I11 and analogues was observed.
Sequence Length	189
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 Tumor protein p53-inducible protein 11 (TP53I11) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TP53I11 elisa kit	Description: This Human Tumor protein p53-inducible protein 11 (TP53I11) ELISA Kit employs a two-site sandwich ELISA to quantitate TP53I11 in samples. An antibody specific for TP53I11 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TP53I11 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TP53I11 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 TP53I11 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Galectin-7, a member of this family, contributes to different events associated with the differentiation and development of pluristratified epithelia. It is also associated with epithelial cell migration, which plays a crucial role in the re-epithelialization process of corneal or epidermal wounds. In addition, recent evidence indicates that galectin-7, designated as the product of the p53-induced gene 1 (PIG1), is a regulator of apoptosis through JNK activation and mitochondrial cytochrome c release. Defects in apoptosis constitute one of the major hallmarks of human cancers, and galectin-7 can act as either a positive or a negative regulatory factor in tumour development, depending on the histological type of the tumour.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115496424
NCBI GeneID	515682
NCBI Accession #	NP_001069193.1
NCBI GenBank Nucleotide #	NP_001069193.1
UniProt Accession #	Q0VCQ8
NCBI Official Full Name	tumor protein p53-inducible protein 11
NCBI Official Symbol	TP53I11
NCBI Protein Information	tumor protein p53-inducible protein 11
UniProt Protein Name	Tumor protein p53-inducible protein 11
UniProt Gene Name	TP53I11
UniProt Synonym Gene Names	PIG11
UniProt Entry Name	P5I11_BOVIN

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/tumor-protein-p53-inducible-protein-11-tp53i11/330376>