

Human Pituitary Tumor-Transforming Gene 1 Protein-Interacting Protein (PTTG1IP) ELISA Kit | PTTG1IP elisa kit

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CATALOG #
AAA331222

REACTIVITY
Human

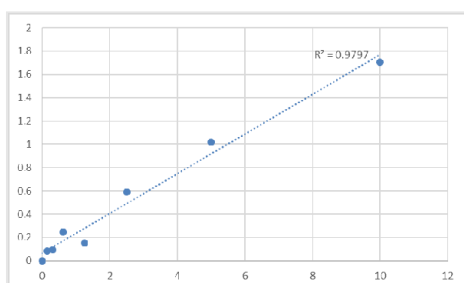
PRODUCT SYNONYMS

Pituitary Tumor-Transforming Gene 1 Protein-Interacting Protein (PTTG1IP); Human Pituitary Tumor-Transforming Gene 1 Protein-Interacting Protein (PTTG1IP) ELISA Kit; PTTG1IP; C21orf1; C21orf3; PBF; PTTG-binding factor; pituitary tumor-transforming gene 1 protein-interacting protein; pituitary tumor-transforming gene protein-binding factor; PTTG1IP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Pituitary tumor-transforming gene 1 protein-interacting protein (PTTG1IP) ELISA Kit has high sensitivity and excellent specificity for detection of Human PTTG1IP. No significant cross-reactivity or interference between Human PTTG1IP and analogues was observed.
Sequence Length	180
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 Pituitary tumor-transforming gene 1 protein-interacting protein (PTTG1IP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PTTG1IP elisa kit	Description: This Human Pituitary tumor-transforming gene 1 protein-interacting protein (PTTG1IP) ELISA Kit employs a two-site sandwich ELISA to quantitate PTTG1IP in samples. An antibody specific for PTTG1IP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTTG1IP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTTG1IP 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 PTTG1IP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: PTTG1IP, which directly binds to pituitary tumor-transforming gene 1 protein (PTTG1), facilitates the nuclear translocation of PTTG1 and potentiates the transcriptional activation of basic fibroblast growth factor by PTTG1. The gene product localizes to both the cytoplasm and nucleus. Its NLS is required for its own nuclear localization, the nuclear localization of PTTG1, and its interaction with PTTG1. The predicted 180-amino acid C21ORF3 protein has features of a type Ia integral membrane protein and contains the tetrapeptide YXRF, a motif observed in proteins internalized via coated pit-mediated endocytosis. Northern blot analysis detected a 2.69-kb C21ORF3 mRNA in all tissues examined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757886
NCBI GeneID	754
NCBI Accession #	NP_004330.1
NCBI GenBank Nucleotide #	NP_004330.1
UniProt Accession #	P53801
NCBI Official Full Name	pituitary tumor-transforming gene 1 protein-interacting protein isoform 1
NCBI Official Synonym Full Names	PTTG1 interacting protein
NCBI Official Symbol	PTTG1IP
NCBI Official Synonym Symbols	PBF; C21orf1; C21orf3
NCBI Protein Information	pituitary tumor-transforming gene 1 protein-interacting protein
UniProt Protein Name	Pituitary tumor-transforming gene 1 protein-interacting protein
UniProt Gene Name	PTTG1IP
UniProt Synonym Gene Names	C21orf1; C21orf3; PBF
UniProt Entry Name	PTTG_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/pituitary-tumor-transforming-gene-1-protein-interacting-protein-pttg1ip/331222>