

Human Pituitary tumor transforming gene 1 protein interacting protein ELISA Kit | PTTG1IP elisa kit

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CATALOG #

AAA83447

REACTIVITY

Human

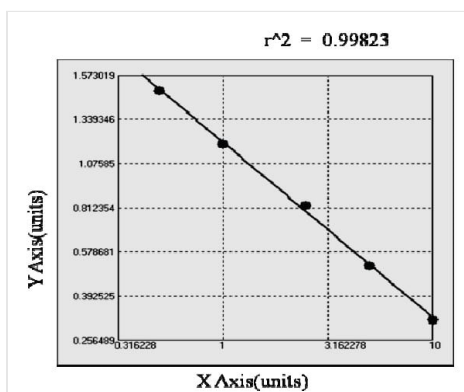
PRODUCT SYNONYMS

Pituitary tumor transforming gene 1 protein interacting protein; Human Pituitary tumor transforming gene 1 protein interacting protein ELISA Kit; PTTG1IP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTTG1IP elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate PRINCIPLE OF THE ASSAY PTTG1IP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PTTG1IP antibody and an PTTG1IP-HRP conjugate. The assay sample and buffer are incubated together with PTTG1IP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PTTG1IP concentration since PTTG1IP from samples and PTTG1IP-HRP conjugate compete for the anti-PTTG1IP antibody binding site. Since the number of sites is limited, as more sites are occupied by PTTG1IP from the sample, fewer sites are left to bind PTTG1IP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PTTG1IP concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757886
NCBI GeneID	754
NCBI Accession #	NP_004330.1
NCBI GenBank Nucleotide #	NM_004339.3
Molecular Weight	20,324 Da
NCBI Official Full Name	pituitary tumor-transforming gene 1 protein-interacting protein isoform 1
NCBI Official Synonym Full Names	pituitary tumor-transforming 1 interacting protein
NCBI Official Symbol	PTTG1IP
NCBI Official Synonym Symbols	PBF; C21orf1; C21orf3
NCBI Protein Information	pituitary tumor-transforming gene 1 protein-interacting protein; PTTG-binding factor; pituitary tumor-transforming gene protein-binding factor
UniProt Protein Name	Pituitary tumor-transforming gene 1 protein-interacting protein
UniProt Gene Name	PTTG1IP
UniProt Synonym Gene Names	C21orf1; C21orf3; PBF; PTTG-binding factor
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.