

Human Polypyrimidine tract-binding protein 2 ELISA Kit | PTBP2 elisa kit

Human Polypyrimidine tract-binding protein 2 (PTBP2) ELISA Kit

CATALOG #
AAA55394

REACTIVITY
Human

PRODUCT SYNONYMS

Polypyrimidine tract-binding protein 2; Human Polypyrimidine tract-binding protein 2 (PTBP2) ELISA Kit; PTBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PTBP2. No significant cross-reactivity or interference between Human PTBP2 and analogues was observed.
Sequence Length	540
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.078 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PTBP2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PTBP2 in Human serum, plasma. An antibody specific for PTBP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTBP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PTBP2 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 PTBP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Polypyrimidine tract-binding protein 2 (PTBP2) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	665821280
NCBI GeneID	58155
NCBI Accession #	NP_001287914.1
NCBI GenBank Nucleotide #	NM_001300985.1
UniProt Accession #	Q9UKA9; Q8N0Z1; Q8N160; Q8NFB0; Q8NFB1; Q969N9; Q96Q76

Molecular Weight	38,336 Da
NCBI Official Full Name	polypyrimidine tract-binding protein 2 isoform 1
NCBI Official Synonym Full Names	polypyrimidine tract binding protein 2
NCBI Official Symbol	PTBP2
NCBI Official Synonym Symbols	nPTB; PTBLP; brPTB
NCBI Protein Information	polypyrimidine tract-binding protein 2
UniProt Protein Name	Polypyrimidine tract-binding protein 2
UniProt Gene Name	PTBP2
UniProt Synonym Gene Names	NPTB; PTB; PTBLP

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://www.aaabiotech.com/ptbp2-human-elisa-kits/polypyrimidine-tract-binding-protein-2/55394>