

Human dermatopontin ELISA Kit | DPT elisa kit

Human dermatopontin, DPT ELISA Kit

CATALOG #
AAA15307

REACTIVITY
Human

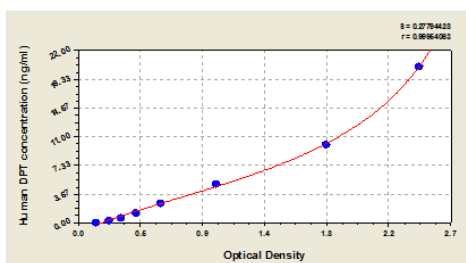
PRODUCT SYNONYMS

dermatopontin; Human dermatopontin; DPT ELISA Kit; TRAMP; tyrosine-rich acidic matrix protein; DPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human DPT. No significant cross-reactivity or interference between human DPT and analogues was observed.
Sequence Length	201
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPT elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for DPT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DPT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DPT is added to the wells. After washing, avidin 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 DPT bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32307172
NCBI GeneID	1805
NCBI Accession #	NP_001928.2
NCBI GenBank Nucleotide #	NM_001937.4
UniProt Accession #	Q07507; Q8N4R2; Q9UIX8; A8K981
Molecular Weight	24,005 Da
NCBI Official Full Name	dermatopontin
NCBI Official Synonym Full Names	dermatopontin
NCBI Official Symbol	DPT
NCBI Official Synonym Symbols	TRAMP
NCBI Protein Information	dermatopontin; tyrosine-rich acidic matrix protein
UniProt Protein Name	Dermatopontin
UniProt Gene Name	DPT
UniProt Synonym Gene Names	TRAMP
UniProt Entry Name	DERM_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/dpt-human-elisa-kits/dermatopontin/15307>