

Mouse Dermatoptin (DPT) ELISA Kit | DPT elisa kit

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CATALOG #
AAA20765

REACTIVITY
Mouse

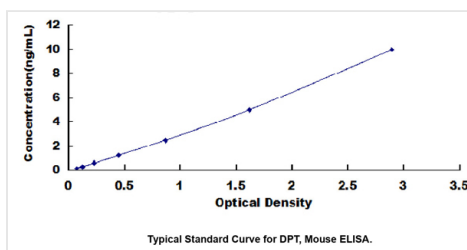
PRODUCT SYNONYMS

Dermatoptin (DPT); Mouse Dermatoptin (DPT) ELISA Kit; TRAMP; Tyrosine-rich acidic matrix protein; DPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of DPT. No significant cross-reactivity or interference between DPT and analogues was observed.
Sequence Length	201
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DPT were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DPT were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPT elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to DPT. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to DPT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DPT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of DPT in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DPT in mouse tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for DPT elisa kit	Infection immunity

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
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/mouse-elisa-kits/dermatopontin-dpt/20765>