

General Teriparatide (TPT) ELISA Kit | TPT elisa kit

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CATALOG #
AAA149188

REACTIVITY
General

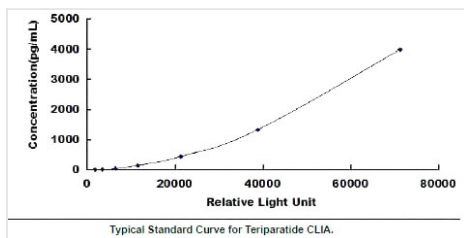
PRODUCT SYNONYMS

Teriparatide (TPT); General Teriparatide (TPT) ELISA Kit; Forteo; TPT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of MMP7. No significant cross-reactivity or interference between MMP7 and analogues was observed.
Sequence Length	410
Assay Type	Double-antibody Sandwich
Samples	Biological fluids
Detection Range	5.49-4,000pg/mL
Sensitivity	1.91pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MMP7 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 MMP7 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 TPT elisa kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of MMP7 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MMP7. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MMP7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the MMP7 level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1032276529
Molecular Weight	44,647 Da
NCBI Official Full Name	TPT
UniProt Protein Name	TPT
UniProt Gene Name	AXX17_At5g44540

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/general-elisa-kits/teriparatide-tpt/149188>