

Human Dentin matrix acidic phosphoprotein 1 ELISA Kit | DMP1 elisa kit

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CATALOG #
AAA98667

REACTIVITY
Human

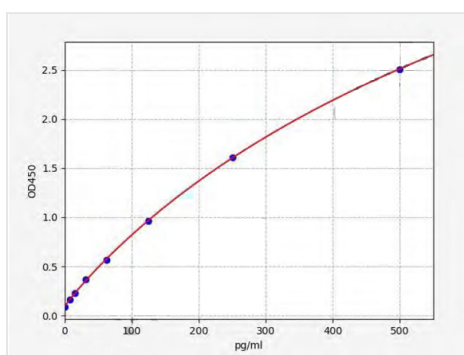
PRODUCT SYNONYMS

Dentin matrix acidic phosphoprotein 1; Human Dentin matrix acidic phosphoprotein 1 ELISA Kit; DMP1/Dentin matrix protein 1/ARHP/ARHR/dentin matrix acidic phosphoprotein/dentin matrix acidic phosphoprotein 1/Dentin matrix protein 1; DMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DMP1. No significant cross-reactivity or interference between DMP1 and analogues was observed.
Sequence Length	513
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DMP1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2138321
NCBI GeneID	1758
Molecular Weight	54,115 Da
NCBI Official Full Name	dentin matrix acidic phosphoprotein 1
NCBI Official Synonym Full Names	dentin matrix acidic phosphoprotein 1
NCBI Official Symbol	DMP1
NCBI Official Synonym Symbols	ARHP; ARHR; DMP-1
NCBI Protein Information	dentin matrix acidic phosphoprotein 1
UniProt Protein Name	Dentin matrix acidic phosphoprotein 1
UniProt Gene Name	DMP1
UniProt Synonym Gene Names	DMP-1; Dentin matrix protein 1
UniProt Entry Name	DMP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/dmp1-human-elisa-kits/dentin-matrix-acidic-phosphoprotein-1/98667>