

Human Dentin Sialophosphoprotein (DSPP) ELISA Kit | DSPP elisa kit

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CATALOG #
AAA43428

REACTIVITY
Human

PRODUCT SYNONYMS

Dentin Sialophosphoprotein (DSPP); Human Dentin Sialophosphoprotein (DSPP) ELISA Kit; DSPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	932
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5pg/ml-1500pg/ml
Sensitivity	2.54pg/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DSPP elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Dentin Sialophosphoprotein (also known as DSPP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human DSPP antibody. DSPP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DSPP Antibody is added and binds to DSPP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DSPP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human DSPP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	3087814
NCBI GeneID	666279
UniProt Accession #	P97399; O70567
Molecular Weight	93,903 Da
NCBI Official Full Name	dentin sialophosphoprotein
NCBI Official Synonym Full Names	dentin sialophosphoprotein
NCBI Official Symbol	Dspp
NCBI Official Synonym Symbols	Dpp; Dsp; Dmp2; Dmp3
NCBI Protein Information	dentin sialophosphoprotein
UniProt Protein Name	Dentin sialophosphoprotein
UniProt Gene Name	Dspp
UniProt Synonym Gene Names	Dmp3; DMP-3; DPP; DSP

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/human-elisa-kits/dentin-sialophosphoprotein-dspp/43428>