

## Monkey Dentin Matrix Protein 1 ELISA Kit | DMP1 elisa kit

Monkey Dentin Matrix Protein 1 ELISA Kit

CATALOG #  
**AAA97418**

REACTIVITY  
**Monkey**

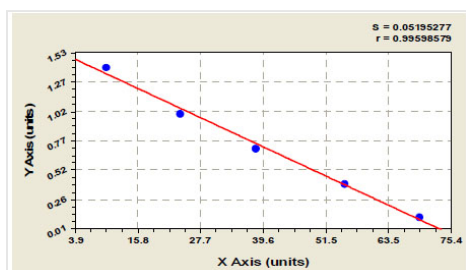
### PRODUCT SYNONYMS

Dentin Matrix Protein 1; Monkey Dentin Matrix Protein 1 ELISA Kit; DMP1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                            |
| Intended Uses           | This DMP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DMP1. This ELISA kit for research use only, not for therapeutic applications |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for DMP1 elisa kit

Principle of the assay: DMP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DMP1 antibody and an DMP1-HRP conjugate. The assay sample and buffer are incubated together with DMP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DMP1 concentration since DMP1 from samples and DMP1-HRP conjugate compete for the anti-DMP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by DMP1 from the sample, fewer sites are left to bind DMP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DMP1 concentration in each sample is interpolated from this standard curve.

### NCBI AND UNIPROT INFORMATION

UniProt Accession #

**F6TZE2**

**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/dmp1-monkey-elisa-kits/dentin-matrix-protein-1/97418>