

Human cementum protein 1 ELISA Kit | CEMP1 elisa kit

Human Cementum Protein 1, CEMP-1 ELISA Kit

CATALOG #
AAA15314

REACTIVITY
Human

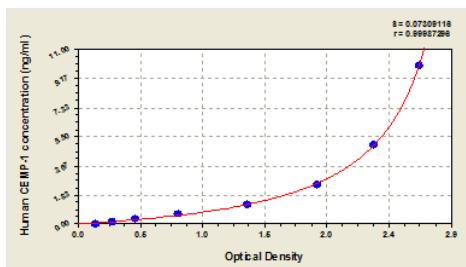
PRODUCT SYNONYMS

cementum protein 1; Human Cementum Protein 1; CEMP-1 ELISA Kit; Human Cementum Protein 1 (CEMP-1) ELISA Kit; CP-23; CP23; cementoblastoma-derived protein; cementum protein-23; CEMP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CEMP-1. No significant cross-reactivity or interference between human CEMP-1 and analogues was observed.
Sequence Length	247
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	<0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CEMP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CEMP-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CEMP-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CEMP-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CEMP-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115292438
NCBI GeneID	752014
NCBI Accession #	NP_001041677.1
NCBI GenBank Nucleotide #	NM_001048212.3
UniProt Accession #	Q6PRD7; B2RUY1
Molecular Weight	25,959 Da
NCBI Official Full Name	cementoblastoma-derived protein 1
NCBI Official Synonym Full Names	cementum protein 1
NCBI Official Symbol	CEMP1
NCBI Official Synonym Symbols	CP23; CP-23
NCBI Protein Information	cementoblastoma-derived protein 1; cementum protein 23; cementum protein-23
UniProt Protein Name	Cementoblastoma-derived protein 1
UniProt Gene Name	CEMP1
UniProt Synonym Gene Names	CP23; CP-23
UniProt Entry Name	CEMP1_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.