



BMA BIOMEDICALS



Peninsula Laboratories

S-1538

Bone Forming Peptide-1 (BFP-1) (human) ELISA

Bone Forming Peptide-1 (BFP-1) is the immature region of the Bone Morphogenetic Proteins-7 (BMP-7)-derived peptide. It can greatly enhance osteogenic differentiation of multipotent bone marrow stromal stem cells (MBSCs) and up-regulate biological markers during osteogenesis.

This ELISA was developed with serum from rabbits immunized with Bone Forming Peptide-1 coupled to a carrier protein.

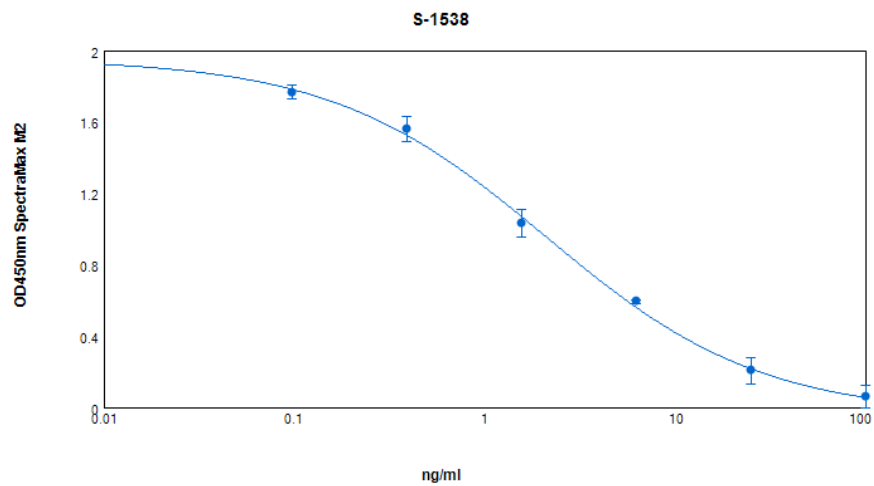
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	n/a
Host species:	Rabbit IgG
Quantity:	96 tests
Format:	Formulated for extracted samples (EIAH type).
Shelf-life:	One year from production date. Store refrigerated at 4° - 8°C.
Applications:	This ELISA has been validated with the included reagents. It is intended to be used with appropriately extracted samples (original protocol III, Std.Ab1hr.Bt). For research use only. Please see www.bma.ch for protocols and general information.
Range:	0-100ng/ml
Average IC50:	3ng/ml
Immunogen:	Synthetic peptide H-Gly-Gln-Gly-Phe-Ser-Tyr-Pro-Tyr-Lys-Ala-Val-Phe-Ser-Thr-Gln-OH coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Bone Forming Peptide-1 (BFP-1) (human)	100
Bone Forming Peptide-2 (BFP-2) (human)	0

Typical titration curve of Bone Forming Peptide-1 in a competitive ELISA with this antibody:



Suggested Preparation of Standards		
	ng/ml	Range: 0.10 to 100ng/ml
Stock	1000	
S1	100.00	Add 100µl Stock + 900µl diluent
S2	25.00	Add 200µl S1 + 600µl diluent
S3	6.25	Add 200µl S2 + 600µl diluent
S4	1.56	Add 200µl S3 + 600µl diluent
S5	0.39	Add 200µl S4 + 600µl diluent
S6	0.10	Add 200µl S5 + 600µl diluent
S0	0.00	500µl diluent

Related Products: S-1539: Bone Forming Peptide-2 (BFP-2), ELISA (hu)

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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EIAH

1.03.2021