



BMA BIOMEDICALS



Peninsula Laboratories

S-1361

Enterostatin (human, mouse, rat) ELISA

Enterostatin is a pentapeptide derived from a proenzyme in the gastrointestinal tract called procolipase. It is created in the intestine by pancreatic procolipase, the other colipase serving as an obligatory cofactor for pancreatic lipase during fat digestion. An increased high fat diets will cause the procolipase gene transcription and enterostatin to release into the gastrointestinal lumen. Enterostatin appears in the lymph and circulation after a meal and it has been shown to selectively reduce fat intake during a normal meal.

This ELISA was developed with serum from rabbits immunized with Enterostatin coupled to a carrier protein.

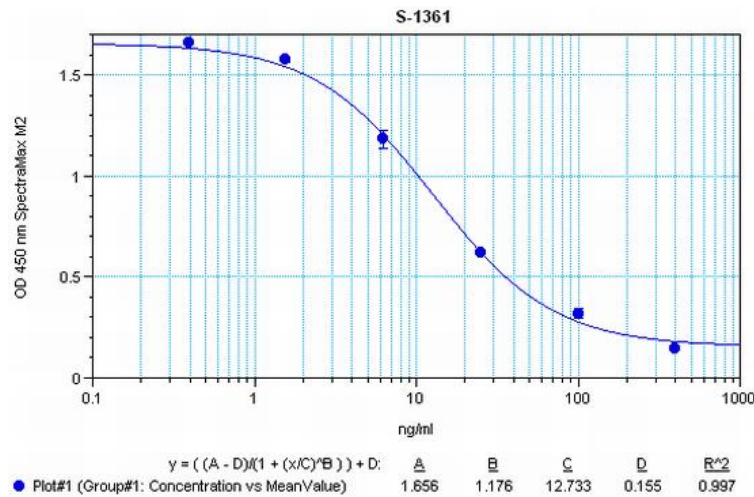
TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A17242
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:	0-400ng/ml
Average IC50:	12ng/ml
Immunogen:	Synthetic peptide Ala-Pro-Gly-Pro-Arg coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Enterostatin	100

Typical titration curve of Enterostatin in a competitive ELISA with this antibody:



Suggested Preparation of Standards		
	ng/ml	Range: 0.39 to 400ng/ml
Stock	1000	
S1	400.00	Add 400µl Stock + 600µl diluent
S2	100.00	Add 200µl S1 + 600µl diluent
S3	25.00	Add 200µl S2 + 600µl diluent
S4	6.25	Add 200µl S3 + 600µl diluent
S5	1.56	Add 200µl S4 + 600µl diluent
S6	0.39	Add 200µl S5 + 600µl diluent
S0	0.00	500µl diluent

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

1.3.2021