

Product Datasheet

Mouse Apelin ELISA Kit (Colorimetric) NBP2-68235

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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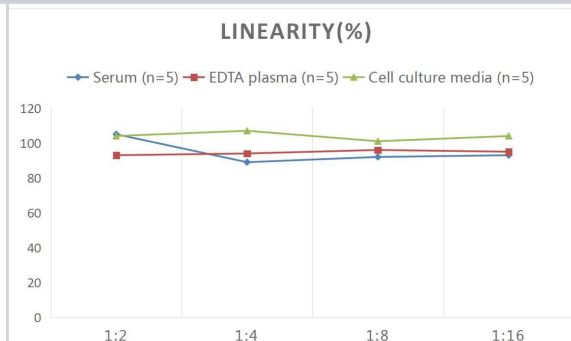
NBP2-68235**Mouse Apelin ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	8862
Gene Symbol	APLN
Species	Mouse
Specificity/Sensitivity	This kit recognizes Mouse APLN in samples. No significant cross-reactivity or interference between Mouse APLN and analogues was observed.
Kit Components	Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Manual
Standard Curve Range	125.00 - 8000 pg/mL
Sensitivity	75.00 pg/mL
Inter Assay	CV% < 4.7%
Intra Assay	CV% < 4.76%
Assay Type	Competitive-ELISA
Spiking Recovery	86-108%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	50 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

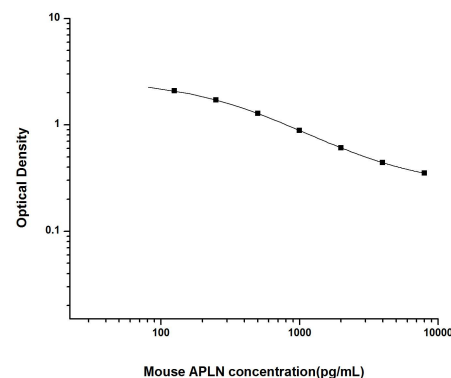


Images

ELISA: Mouse Apelin ELISA Kit (Colorimetric) [NBP2-68235] - Samples were spiked with high concentrations of Mouse Apelin and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Apelin ELISA Kit (Colorimetric) [NBP2-68235] - Standard Curve Reference



Publications

Strutt B, Szlapinski S, Gnanaswaran T Et Al. Ontology of the apelinergic system in mouse pancreas during pregnancy and relationship with beta-cell mass Scientific reports 2021-07-29 [PMID: 34326390]



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Products Related to NBP2-68235

210-TA-005	TNF-alpha [Unconjugated]
NBP2-31176	Apelin Antibody
DVE00	VEGF [HRP]
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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