

# Product Datasheet

## Human Apelin 17 ELISA Kit (Colorimetric) NBP2-69085

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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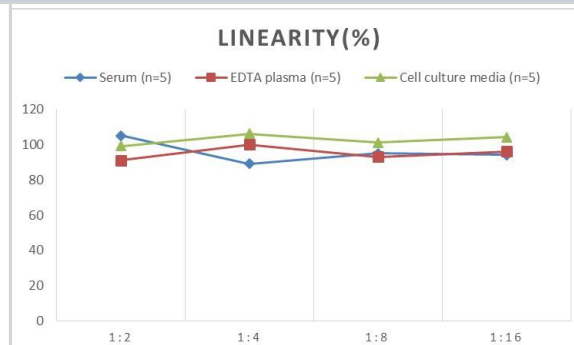
**NBP2-69085****Human Apelin 17 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	8862
<b>Gene Symbol</b>	APLN
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human AP17 in samples. No significant cross-reactivity or interference between Human AP17 and analogues was observed.
<b>Kit Components</b>	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
<b>Standard Curve Range</b>	0.16 - 10 ng/mL
<b>Sensitivity</b>	0.10 ng/mL
<b>Inter Assay</b>	CV% < 5.47%
<b>Intra Assay</b>	CV% < 5.1%
<b>Assay Type</b>	Competitive-ELISA
<b>Spiking Recovery</b>	87-108%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

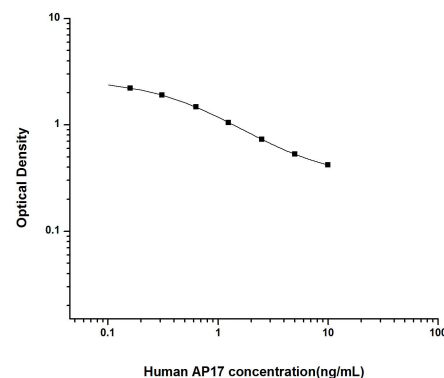


## Images

ELISA: Human Apelin 17 ELISA Kit (Colorimetric) [NBP2-69085] - Samples were spiked with high concentrations of Human Apelin 17 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Apelin 17 ELISA Kit (Colorimetric) [NBP2-69085] - Standard Curve Reference



## Publications

Wu H, Xia C, Li R et al. Correlation Between Apelin and Collateral Circulation in Patients with Middle Cerebral Artery Occlusion and Moyamoya Disease International journal of general medicine 2022-01-19 [PMID: 35082519] (ELISA)



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210-TA-005	TNF-alpha [Unconjugated]
DVE00	VEGF [HRP]
M6000B-1	IL-6 [HRP]
DRP300	Adiponectin/Acrp30 [HRP]

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### **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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