

Product Datasheet

Rat Amyloid Beta 1-42 ELISA Kit (Colorimetric) NBP2-69916

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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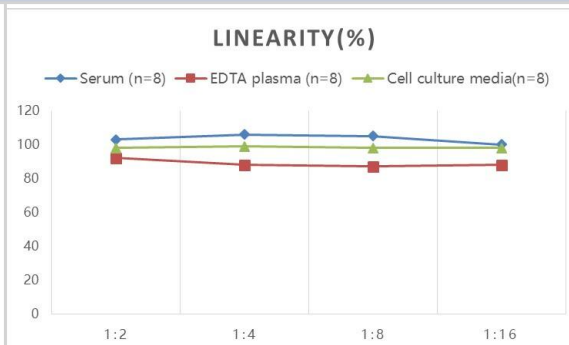
NBP2-69916**Rat Amyloid Beta 1-42 ELISA Kit (Colorimetric)**

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	
Species	Rat
Specificity/Sensitivity	This kit recognizes Rat A(beta)1-42 in samples. No significant cross-reactivity or interference between Rat A(beta)1-42 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	15.63 - 1000 pg/mL
Sensitivity	9.38 pg/mL
Inter Assay	CV% < 5.37%
Intra Assay	CV% < 4.76%
Assay Type	Sandwich-ELISA
Spiking Recovery	87-110%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

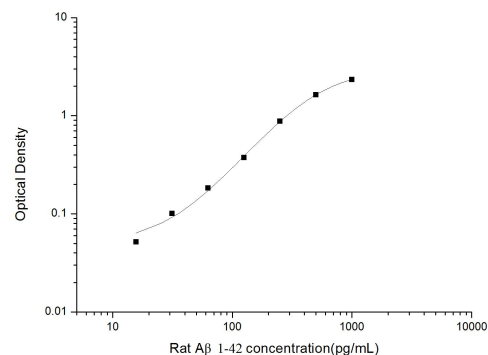


Images

ELISA: Rat Amyloid Beta 1-42 ELISA Kit (Colorimetric) [NBP2-69916] - Samples were spiked with high concentrations of Rat Amyloid Beta 1-42 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Amyloid Beta 1-42 ELISA Kit (Colorimetric) [NBP2-69916] - Standard Curve Reference



Publications

Zhang H, Chen W, Li Z et al. Huannao Yicong decoction ameliorates cognitive deficits in APP/PS1/tau triple transgenic mice by interfering with neurotoxic interaction of A β -tau Journal of ethnopharmacology 2023-07-31 [PMID: 37532075] (ELISA)

Nafea M, Elharoun M, Abd-Alhaseeb MM, Helmy MW Leflunomide abrogates neuroinflammatory changes in a rat model of Alzheimer's disease: the role of TNF- α /NF- κ B/IL-1 β axis inhibition Naunyn-Schmiedeberg's archives of pharmacology 2022-11-17 [PMID: 36385687] (ELISA, Rat)



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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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