

# Product Datasheet

## Human Amyloid Beta 1-42 ELISA Kit (Colorimetric) NBP2-69913

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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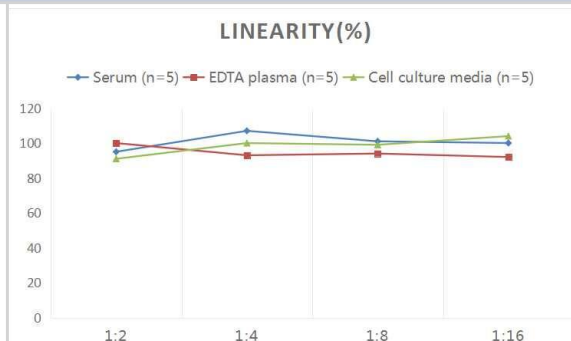
**NBP2-69913****Human Amyloid Beta 1-42 ELISA Kit (Colorimetric)**

<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>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human A(beta)1-42 in samples. No significant cross-reactivity or interference between Human A(beta)1-42 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>	15.63 - 1000 pg/mL
<b>Sensitivity</b>	9.38 pg/mL
<b>Inter Assay</b>	CV% < 4.88%
<b>Intra Assay</b>	CV% < 5.31%
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	85-103%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

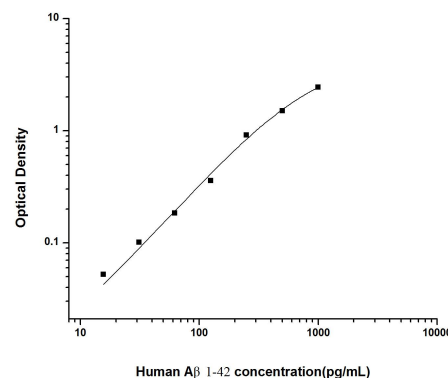


## Images

ELISA: Human Amyloid Beta 1-42 ELISA Kit (Colorimetric) [NBP2-69913] - Samples were spiked with high concentrations of Human Amyloid Beta 1-42 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Amyloid Beta 1-42 ELISA Kit (Colorimetric) [NBP2-69913] - Standard Curve Reference



## Publications

Victorio M. Pozo Devoto, Valentina Lacovich, Monica Feole, Pratiksha Bhat, Jaroslav Chovan, Maria Čarna, Isaac G. Onyango, Neda Dragišić, Martina Šússerová, Martin E. Barrios-Llerena, Gorazd B. Stokin Unraveling axonal mechanisms of traumatic brain injury *Acta Neuropathologica Communications* 2022-09-21 [PMID: 36131329]

Fertan E, Gendron WH, Wong AA et al. Noncanonical regulation of imprinted gene Igf2 by amyloid-beta 1-42 in Alzheimer's disease *Scientific reports* 2023-02-04 [PMID: 36739453] (ELISA)



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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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