

Product Datasheet

Mouse Carbonic Anhydrase II/CA2 ELISA Kit (Colorimetric) NBP2-70055

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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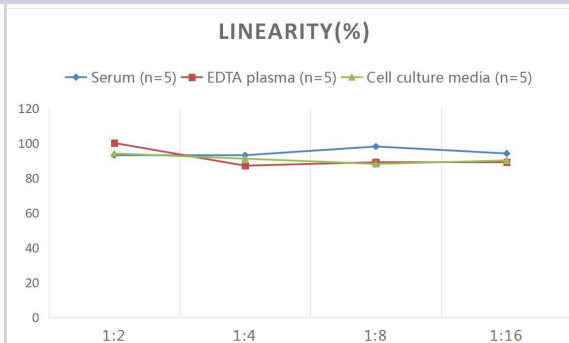


NBP2-70055**Mouse Carbonic Anhydrase II/CA2 ELISA Kit (Colorimetric)**

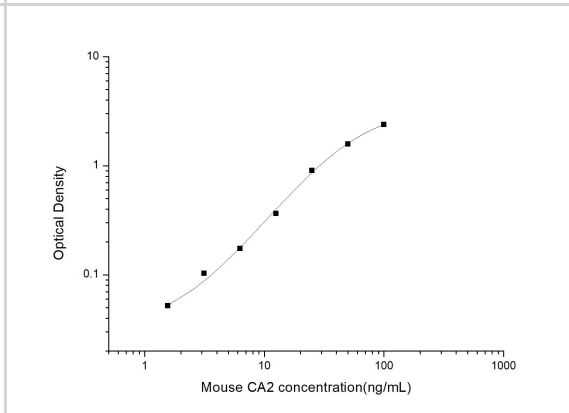
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	760
Gene Symbol	CA2
Species	Mouse
Specificity/Sensitivity	This kit recognizes Mouse CA2 in samples. No significant cross-reactivity or interference between Mouse CA2 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	1.56 - 100 ng/mL
Sensitivity	0.94 ng/mL
Inter Assay	CV% < 4.98%
Intra Assay	CV% < 4.54%
Assay Type	Sandwich-ELISA
Spiking Recovery	85-107%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Mouse Carbonic Anhydrase II/CA2 ELISA Kit (Colorimetric) [NBP2-70055] - Samples were spiked with high concentrations of Mouse Carbonic Anhydrase II/CA2 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Carbonic Anhydrase II/CA2 ELISA Kit (Colorimetric) [NBP2-70055] - Standard Curve Reference



Publications

Annan DA, Maishi N, Soga T, et al. Carbonic anhydrase 2 (CAII) supports tumor blood endothelial cell survival under lactic acidosis in the tumor microenvironment Cell Commun. Signal 2019-12-17 [PMID: 31847904] (ELISA, Mouse)



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Products Related to NBP2-70055

NBP2-52240-0.02mg	Recombinant E. coli Carbonic Anhydrase II/CA2 His Protein
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]
NB600-919-100ug	Carbonic Anhydrase II/CA2 Antibody
NB300-141	GFAP Antibody

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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