

Product Datasheet

Mouse Carbonic Anhydrase IX/CA9 ELISA Kit (Colorimetric) NBP2-71283

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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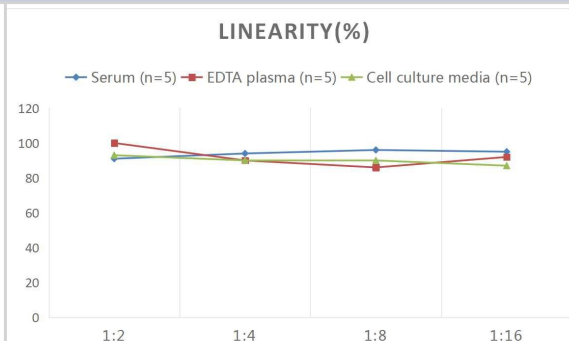
NBP2-71283**Mouse Carbonic Anhydrase IX/CA9 ELISA Kit (Colorimetric)**

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	768
Gene Symbol	CA9
Species	Mouse
Specificity/Sensitivity	This kit recognizes Mouse CA9 in samples. No significant cross-reactivity or interference between Mouse CA9 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% < 4.73%
Intra Assay	CV% < 4.68%
Assay Type	Sandwich-ELISA
Spiking Recovery	85-108%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

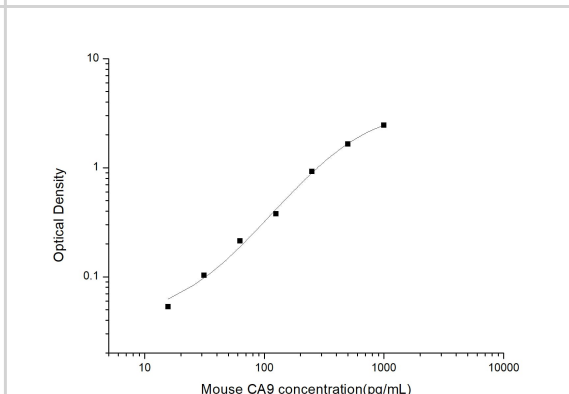


Images

ELISA: Mouse Carbonic Anhydrase IX/CA9 ELISA Kit (Colorimetric) [NBP2-71283] - Samples were spiked with high concentrations of Mouse Carbonic Anhydrase IX/CA9 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse Carbonic Anhydrase IX/CA9 ELISA Kit (Colorimetric) [NBP2-71283] - Standard Curve Reference



Publications

Eldehna WM, El Hassab MA, Abdelshafi NA et al. Development of potent nanosized carbonic anhydrase inhibitor for targeted therapy of hypoxic solid tumors International journal of pharmaceutics 2022-12-23 [PMID: 36572260] (ELISA)



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Products Related to NBP2-71283

NB100-417PEP	Carbonic Anhydrase IX/CA9 Antibody Blocking Peptide
NB100-105	HIF-1 alpha Antibody (H1alpha67)
NB100-417	Carbonic Anhydrase IX/CA9 Antibody
210-TA-005	TNF-alpha [Unconjugated]

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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