

Product Datasheet

Mouse alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) NBP2-66429

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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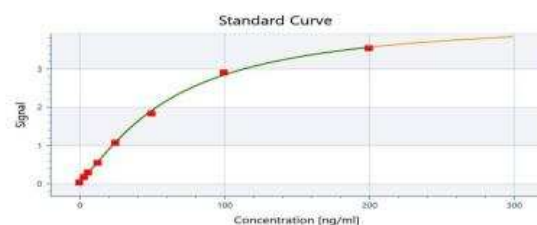


NBP2-66429**Mouse alpha-Smooth Muscle Actin ELISA Kit (Colorimetric)**

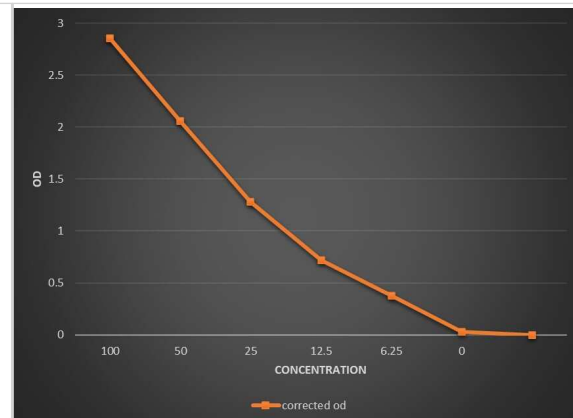
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	59
Gene Symbol	ACTA2
Species	Mouse
Specificity/Sensitivity	This kit recognizes mouse ACTalpha2 in samples. No significant cross-reactivity or interference between Mouse ACTalpha2 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	3.13 - 200 ng/mL
Sensitivity	1.88 ng/mL
Inter Assay	CV% < 4.79%
Intra Assay	CV% < 4.51%
Assay Type	Sandwich-ELISA
Spiking Recovery	92-109%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

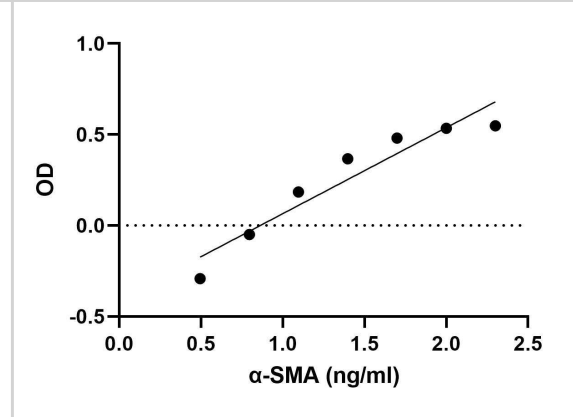
ELISA: Mouse alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66429] - Standard Curve. Image from verified customer review.



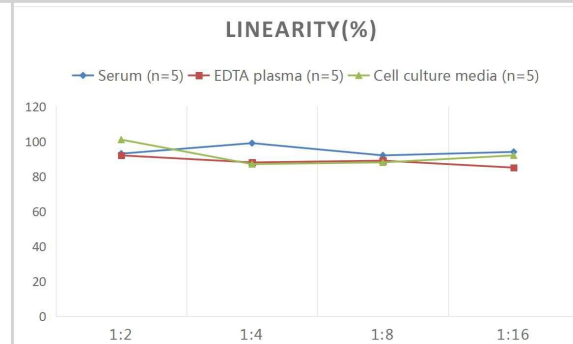
ELISA: Mouse alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66429] - DRC image from verified customer review.



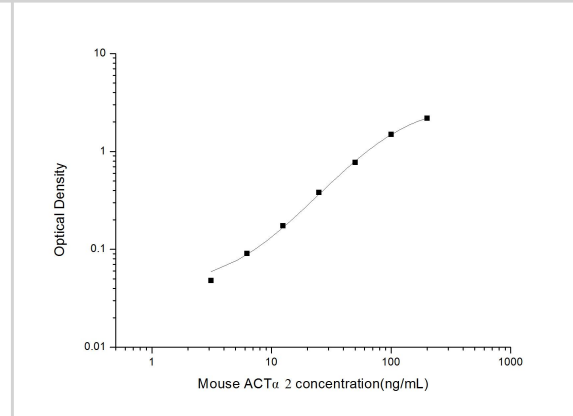
ELISA: Mouse alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66429] - Standard Curve. Image from verified customer review.



ELISA: Mouse alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66429] - Samples were spiked with high concentrations of Mouse alpha-Smooth Muscle Actin and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66429] - Standard Curve Reference



Publications

Wang, S;Mittal, SK;Lee, S;Herrera, AE;Krauthammer, M;Elbasiony, E;Blanco, T;Alemi, H;Nakagawa, H;Chauhan, SK;Dana, R;Dohlman, TH; Effector T Cells Promote Fibrosis in Corneal Transplantation Failure Investigative ophthalmology & visual science 2024-01-02 [PMID: 38261311]

Wang E, Feng B, Chakrabarti S MicroRNA 9 Is a Regulator of Endothelial to Mesenchymal Transition in Diabetic Retinopathy Investigative ophthalmology & visual science 2023-06-01 [PMID: 37279396] (ELISA)

Huang D, Gao W, Zhong X et al. Epigenetically altered macrophages promote development of diabetes-associated atherosclerosis Frontiers in immunology 2023-05-05 [PMID: 37215106] (ELISA)

Nii T, Makino K, Tabata Y A cancer invasion model of cancer-associated fibroblasts aggregates combined with TGF-beta 1 release system Regen Ther 2020-01-01 [PMID: 32154334] (ELISA, Human)





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Products Related to NBP2-66429

H00000059-P01-10ug	Recombinant Human alpha-Smooth Muscle Actin GST (N-Term) Protein
DVE00	VEGF [HRP]
NB300-978	alpha-Smooth Muscle Actin Antibody
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

Limitations

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