

Product Datasheet

Rat alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) NBP2-66430

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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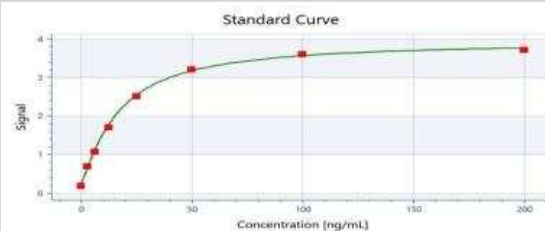


NBP2-66430**Rat alpha-Smooth Muscle Actin ELISA Kit (Colorimetric)**

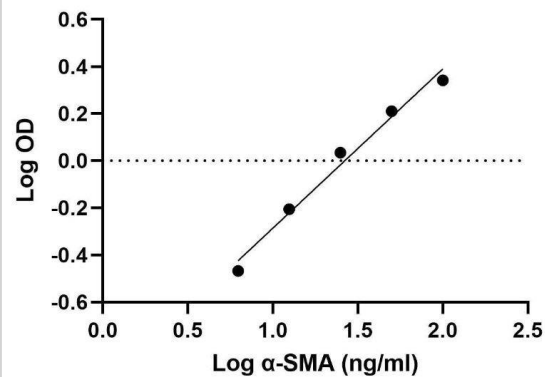
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	59
Gene Symbol	ACTA2
Species	Rat
Specificity/Sensitivity	This kit recognizes Rat ACTalpha2 in samples. No significant cross-reactivity or interference between Rat 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% < 5.51%
Intra Assay	CV% < 5.29%
Assay Type	Sandwich-ELISA
Spiking Recovery	84-102%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

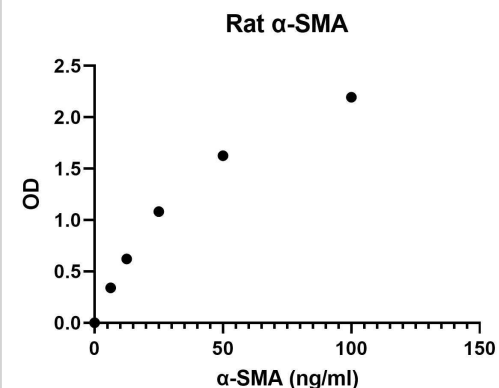
ELISA: Rat alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66430] - Standard Curve. Image from verified customer review.



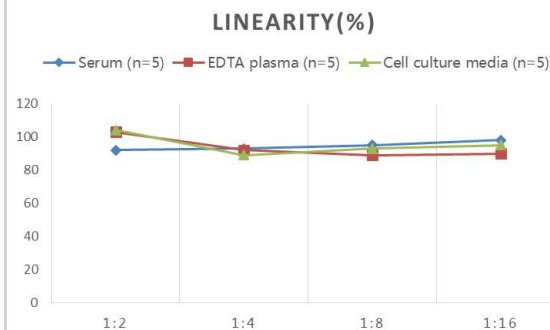
ELISA: Rat alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66430] - Image from verified customer review.



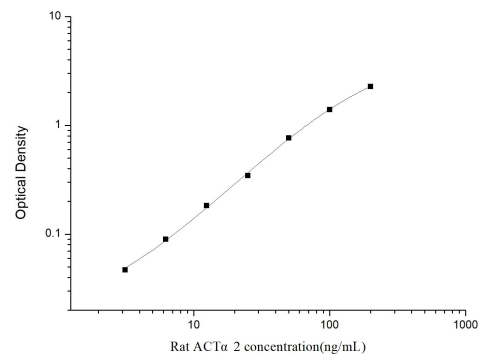
ELISA: Rat alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66430] - Image from verified customer review.



ELISA: Rat alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66430] - Samples were spiked with high concentrations of Rat alpha-Smooth Muscle Actin and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat alpha-Smooth Muscle Actin ELISA Kit (Colorimetric) [NBP2-66430] - Standard Curve Reference



Publications

Elkhoely A, Estfanous RS, Alrobaian M et al. Repositioning itraconazole for amelioration of bleomycin-induced pulmonary fibrosis: Targeting HMGB1/TLR4 Axis, NLRP3 inflammasome/NF-κB signaling, and autophagy Life sciences 2023-01-15 [PMID: 36528079] (ELISA)



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Products Related to NBP2-66430

H0000059-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

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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