

Product Datasheet

Rat Smad3 ELISA Kit (Colorimetric) NBP2-76621

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 1

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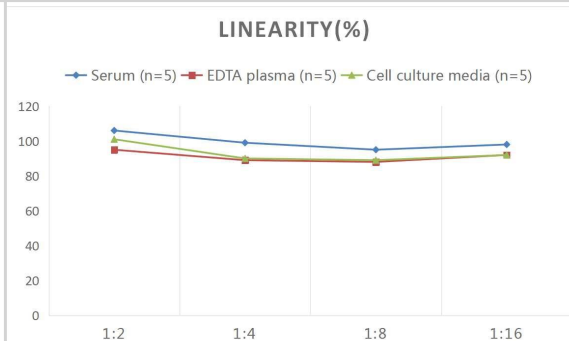


NBP2-76621**Rat Smad3 ELISA Kit (Colorimetric)**

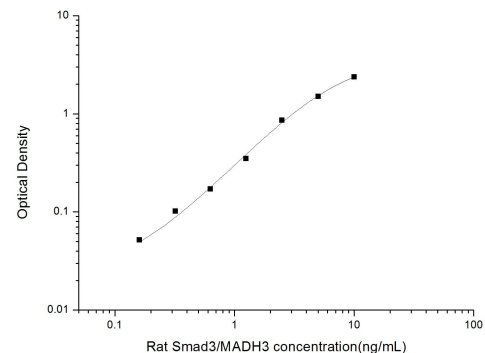
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	4088
Gene Symbol	SMAD3
Species	Rat
Specificity/Sensitivity	This kit recognizes Rat Smad3/MADH3 in samples. No significant cross-reactivity or interference between Rat Smad3/MADH3 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	0.156 - 10ng/mL
Sensitivity	0.094ng/mL
Inter Assay	CV% < 4.6
Intra Assay	CV% < 5.22
Assay Type	Sandwich-ELISA
Spiking Recovery	85-102%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Rat Smad3 ELISA Kit (Colorimetric) [NBP2-76621] - Samples were spiked with high concentrations of Rat Smad3 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Rat Smad3 ELISA Kit (Colorimetric) [NBP2-76621] - Standard Curve Reference



Publications

EI-Waseif E, Sharawy M, Suddek G The modulatory effect of sodium molybdate against cisplatin-induced CKD: Role of TGF-beta/Smad signaling pathway Life Sciences 2022-07-01 [PMID: 35917941] (ELISA)



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Products Related to NBP2-76621

NBP1-30284	Recombinant Human Smad3 His Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
NB100-56479	Smad3 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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