

# Product Datasheet

## Human Smad3 ELISA Kit (Colorimetric) NBP2-76622

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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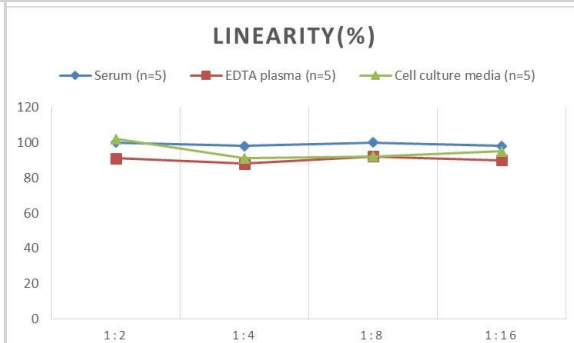


**NBP2-76622****Human Smad3 ELISA Kit (Colorimetric)**

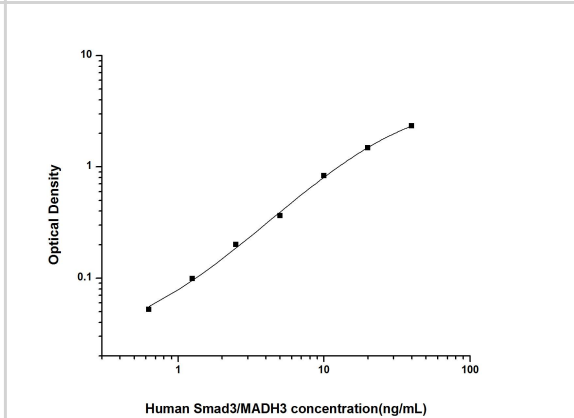
<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	4088
<b>Gene Symbol</b>	SMAD3
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This kit recognizes Human Smad3/MADH3 in samples. No significant cross-reactivity or interference between Human Smad3/MADH3 and analogues was observed.
<b>Kit Components</b>	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
<b>Standard Curve Range</b>	0.625 - 40ng/mL
<b>Sensitivity</b>	0.375ng/mL
<b>Inter Assay</b>	CV% < 5.1
<b>Intra Assay</b>	CV% < 5.62
<b>Assay Type</b>	Sandwich-ELISA
<b>Spiking Recovery</b>	86-107%
<b>Suitable Sample Type</b>	Serum, plasma and other biological fluids
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Human Smad3 ELISA Kit (Colorimetric) [NBP2-76622] - Samples were spiked with high concentrations of Human Smad3 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human Smad3 ELISA Kit (Colorimetric) [NBP2-76622] - Standard Curve Reference



## Publications

Michele Vacca, Jack Leslie, Samuel Virtue, Brian Y H Lam, Olivier Govaere, Dina Tiniakos, Sophie Snow, Susan Davies, Kasparas Petkevicius, Zhen Tong, Vivian Peirce, Mette Juul Nielsen, Zsuzsanna Ament, Wei Li, Tomasz Kostrzewski, Diana Julie Leeming, Vlad Ratziu, Michael E D Allison, Quentin M Anstee, Julian L Griffin, Fiona Oakley, Antonio Vidal-Puig Bone morphogenetic protein 8B promotes the progression of non-alcoholic steatohepatitis. *Nature metabolism* 2020-12-31 [PMID: 32694734]



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### **Products Related to NBP2-76622**

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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]

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### **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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