

# Product Datasheet

## Mouse TGF-beta 1 ELISA Kit (Colorimetric) NBP1-92671

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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### Publications: 1

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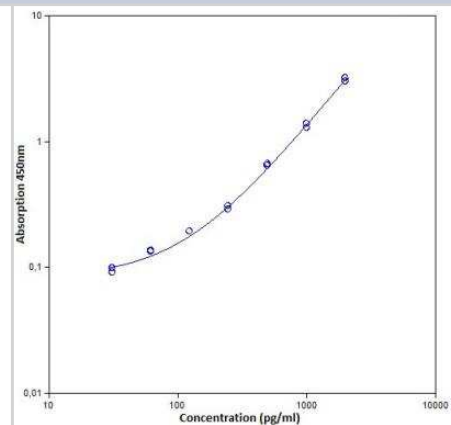


**NBP1-92671****Mouse TGF-beta 1 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	96 Tests
<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>Description</b>	The mouse TGF-beta1 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of mouse TGF-beta1.
<b>Gene ID</b>	7040
<b>Gene Symbol</b>	TGFB1
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	The assay detects both natural and recombinant mouse TGF-beta1. The cross reactivity of TGF-beta2 and TGF-beta3, and of TNF-beta, IL-8, IL-6, IL-2, TNF-alpha, IL-1beta, IL-4, IFN-gamma, IL12p70, IL-5 and IL-10 was evaluated by spiking these proteins at physiologically relevant concentrations into serum. There was no cross reactivity detected.
<b>Kit Components</b>	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to mouse TGF-beta1, Biotin-Conjugate anti-mouse TGF-beta1 polyclonal antibody, Streptavidin-HRP, Mouse TGF-beta1 Standard lyophilized, 4 ng/mL upon reconstitution, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Adhesive Films
<b>Standard Curve Range</b>	31.3 - 2,000 pg/mL
<b>Sensitivity</b>	9.0 pg/mL
<b>Inter Assay</b>	CV% < 6.8%
<b>Intra Assay</b>	CV% < 6.8%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	Please see protocol for more specific Spike Recovery details.
<b>Suitable Sample Type</b>	Cell culture supernatant, serum, plasma (EDTA, citrate), buffered solution
<b>Sample Volume</b>	10 - 40 uL (pretreated)
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA

## Images

ELISA: Mouse TGF-beta 1 ELISA Kit [NBP1-92671]



## Publications

Alberro-Brage A, Kryvenko V, Malainou C et al. Influenza virus decreases albumin uptake and megalin expression in alveolar epithelial cells Front Immunol 2023-09-01 [PMID: 37727782] (ELISA)



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### **Products Related to NBP1-92671**

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NBP2-51925-0.05mg	Recombinant Mouse TGF-beta 1 His Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
7754-BH-005	TGF-beta 1 [Unconjugated]
236-EG-200	EGF [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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