

Product Datasheet

Human TGF-beta 1 ELISA Kit (Colorimetric) NBP1-91252

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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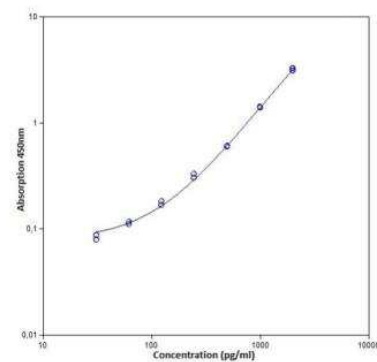


NBP1-91252**Human TGF-beta 1 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	96 Tests
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.
Buffer	
Product Description	
Description	The human TGF-beta1 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human TGF-beta1.
Gene ID	7040
Gene Symbol	TGFB1
Species	Human
Specificity/Sensitivity	The assay detects both natural and recombinant human TGF beta 1. The cross reactivity of TGF beta 2 and TGF beta 3, and of TNF beta, IL- 8, IL-6, IL-2, TNF alpha, IL-1 beta, IL-4, IFN gamma, IL-12p70, IL-5 and IL-10 was evaluated by spiking these proteins at physiologically relevant concentrations into serum. There was no cross reactivity detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human TGF-beta1, Biotin-Conjugate anti-human TGF-beta1 monoclonal antibody, Streptavidin-HRP, Human 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
Standard Curve Range	31.3 - 2,000 pg/mL
Sensitivity	9.0 pg/mL
Inter Assay	CV% < 4.90%
Intra Assay	CV% < 3.20%
Assay Type	Sandwich ELISA
Spiking Recovery	Please see protocol for more specific Spike Recovery details.
Suitable Sample Type	Cell culture supernatant (w/o FCS), serum, plasma (EDTA, citrate, heparin), buffered solution
Sample Volume	40 uL (pretreated)
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: TGF-beta 1 ELISA Kit [NBP1-91252] - Standard curve



Publications

Kamal NM, Shams NS. The impact of tobacco smoking and electronic cigarette vaping on salivary biomarkers. A comparative study The Saudi Dental Journal 2022-07-01 [PMID: 35814841] (ELISA)

Xiao JF, Kua LF, Ding LW et al. KDM6A Depletion in Breast Epithelial Cells Leads to Reduced Sensitivity to Anticancer Agents and Increased TGF beta Activity Molecular cancer research : MCR 2022-01-12 [PMID: 35022315]





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Products Related to NBP1-91252

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]

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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