

Product Datasheet

Human Neutrophil Elastase/ELA2 ELISA Kit (Colorimetric) NBP1-91266

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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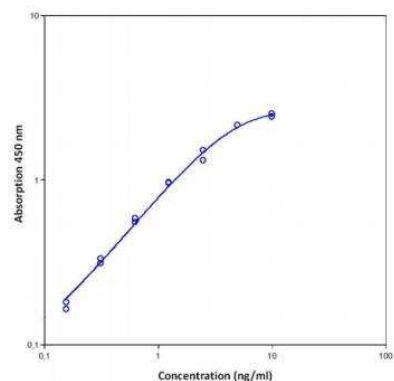
NBP1-91266**Human Neutrophil Elastase/ELA2 ELISA Kit (Colorimetric)**

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 PMN elastase ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human PMN elastase
Gene ID	1991
Gene Symbol	ELANE
Species	Human
Specificity/Sensitivity	The cross reactivity and interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human PMN Elastase positive sample. There was no cross reactivity or interference detected.
Kit Components	Aluminium pouch(es) with a Microwell Plate coated with polyclonal antibody to human PMN Elastase, HRP-Conjugate anti-alpha1-PI polyclonal antibody, ready to use, Human PMN Elastase Standard lyophilized, 10 ng/mL upon reconstitution, Control high, lyophilized, Control low, lyophilized, Sample Diluent, Wash Buffer Concentrate (10x), Substrate Solution (tetramethyl-benzidine), Stop Solution (2M Hydrochloric acid), Adhesive Films
Standard Curve Range	0.16 - 10.0 ng/mL
Sensitivity	1.98 pg/ml
Inter Assay	CV% < 5.60%
Intra Assay	CV% < 4.80%
Assay Type	Sandwich ELISA
Spiking Recovery	The recovery ranged from 96% to 110% with an overall mean recovery of 104%. Please see protocol for more specific Spike Recovery details.
Suitable Sample Type	Cell culture supernatant, plasma, exudate, bronchoalveolar lavage fluid, cerebrospinal fluid, and seminal plasma
Sample Volume	100 uL (1:100 prediluted)
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA



Images

ELISA: Neutrophil Elastase/ELA2 ELISA Kit [NBP1-91266] - Standard curve.



Publications

Choi SR, Hong SS, Kim J, Lee KY. Neutrophil elastase in cervical fluid in women with short cervical length Taiwan J Obstet Gynecol. [PMID: 29880174] (ELISA, Human)

Xiao Y, Deng Y, Yuan F et al. An ATF4/ATG5 Signaling in Hypothalamic POMC Neurons Regulates Fat Mass via Affecting Energy Expenditure. Diabetes. 2017-02-17 [PMID: 28213613] (ELISA, Human)



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Products Related to NBP1-91266

NBP2-57576PEP	Neutrophil Elastase/ELA2 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
DY9167-05	Neutrophil Elastase/ELA2 [Biotin]
M6000B-1	IL-6 [HRP]

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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