

Product Datasheet

Human MUC5AC ELISA Kit (Colorimetric) NBP2-76703

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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Publications: 5

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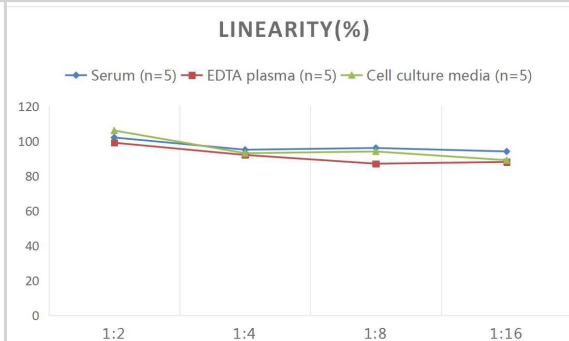
NBP2-76703

Human MUC5AC ELISA Kit (Colorimetric)

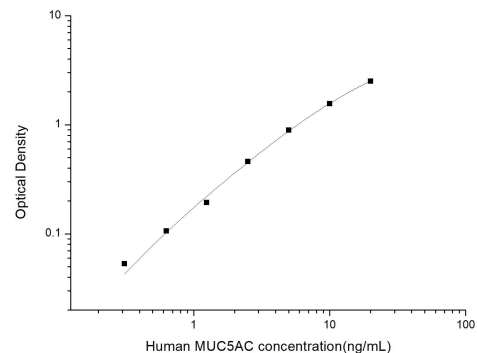
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	4586
Gene Symbol	MUC5AC
Species	Human
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	0.313 - 20ng/mL
Sensitivity	0.188ng/mL
Inter Assay	CV% < 5.52
Intra Assay	CV% < 4.94
Assay Type	Sandwich-ELISA
Spiking Recovery	94-110%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Human MUC5AC ELISA Kit (Colorimetric) [NBP2-76703] - Samples were spiked with high concentrations of Human MUC5AC and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Human MUC5AC ELISA Kit (Colorimetric) [NBP2-76703] - Standard Curve Reference



Publications

Lin Weng, Wei Liu, Lingye Wang, Zhichao Wu, Dehao Liu, Yihua Lin, Shuli Song, Ciyuan Yu, Yaqiong Chen, Juan Chen, Shengxiang Ge Serum MUC5AC protein levels are correlated with the development and severity of connective tissue disease-associated pulmonary interstitial lesions *Frontiers in Immunology* 2022-09-15 [PMID: 36189284]

Sam Strickson, Kirsty F Houslay, Victor A Negri, Yoichiro Ohne, Tomas Ottosson, Roger B Dodd, Catherine Chaillan Huntington, Tina Baker, Jingjing Li, Katherine E Stephenson, Andy J O'Connor, J Sophie Sagawe, Helen Killick, Tom Moore, D Gareth Rees, Sofia Koch, Caroline Sanden, Yixin Wang, Elise Gubbins, Mahboobe Ghaedi, Roland Kolbeck, Saumyaa Saumyaa, Jonas S Erjefält, Gary P Sims, Alison A Humbles, Ian C Scott, Xavier Romero Ros, E Suzanne Cohen Oxidised IL-33 drives COPD epithelial pathogenesis via ST2-independent RAGE/EGFR signalling complex. *The European respiratory journal* 2023-10-02 [PMID: 37442582]

Goncalves P, Doisne JM, Eri T et al. Defects in mucosal immunity and nasopharyngeal dysbiosis in HSC transplanted SCID patients with IL2RG/JAK3 deficiency *Blood* 2022-02-14 [PMID: 35157765] (ELISA)

Nagasaki T, Schuyler AJ, Zhao J Et al. 15LO1 dictates glutathione redox changes in asthmatic airway epithelium to worsen type-2 inflammation *The Journal of clinical investigation* 2021-11-11 [PMID: 34762602] (ELISA)

Smith N, Goncalves P, Charbit B et al. Distinct systemic and mucosal immune responses during acute SARS-CoV-2 infection *Nature immunology* 2021-09-01 [PMID: 34471264] (ELISA)



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Products Related to NBP2-76703

H00004586-Q01-10ug	Recombinant Human MUC5AC GST (N-Term) Protein
236-EG-200	EGF [Unconjugated]
NBP2-15196-0.1mg	MUC5AC Antibody (45M1)
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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