

# Product Datasheet

## Human MUC2 ELISA Kit (Colorimetric)

### NBP2-76700

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**NBP2-76700****Human MUC2 ELISA Kit (Colorimetric)****Product Information**

|                      |  |
|----------------------|--|
| <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.                                    |

**Product Description**

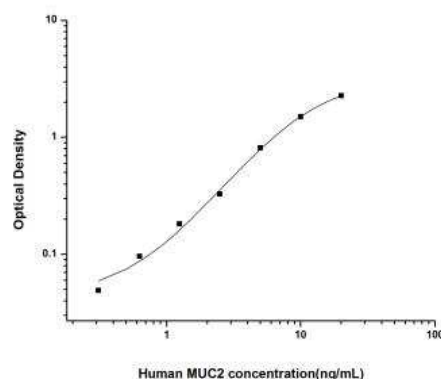
|                             |   |
|-----------------------------|---|
| <b>Gene ID</b>              | 4583  |
| <b>Gene Symbol</b>          | MUC2  |
| <b>Species</b>              | Human   |
| <b>Kit Components</b>       | Micro ELISA Plate (Dismountable), Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Reference Standard & Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent, Stop Solution, Plate Sealer, Product Description, Certificate of Analysis |
| <b>Standard Curve Range</b> | 0.313 - 20ng/mL   |
| <b>Sensitivity</b>          | 0.188ng/mL  |
| <b>Inter Assay</b>          | CV% < 5.02  |
| <b>Intra Assay</b>          | CV% < 4.58  |
| <b>Assay Type</b>           | Sandwich-ELISA  |
| <b>Spiking Recovery</b>     | 87-106%   |
| <b>Suitable Sample Type</b> | Serum, plasma and other biological fluids   |
| <b>Sample Volume</b>        | 100 uL  |

**Product Application Details**

|                              |       |
|------------------------------|-------|
| <b>Applications</b>          | ELISA |
| <b>Recommended Dilutions</b> | ELISA |

**Images**

ELISA: Human MUC2 ELISA Kit (Colorimetric) [NBP2-76700] - Standard Curve Reference

**Publications**

Yan X, Cheng Y, Zhang X et al. NICD3 regulates the expression of MUC5AC and MUC2 by recruiting SMARCA4 and is involved in the differentiation of mucinous colorectal adenocarcinoma Molecular oncology 2022-07-28 [PMID: 35900231] (ELISA)



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### **Products Related to NBP2-76700**

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|                  |                                   |
|------------------|-----------------------------------|
| 210-TA-005       | TNF-alpha [Unconjugated]          |
| NB120-11197      | MUC2 Antibody (996/1) - BSA Free  |
| NB200-103        | p53 Antibody (PAb 240) - BSA Free |
| NBP2-15196-0.1mg | MUC5AC Antibody (45M1)            |

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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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