

MUC16

Native Human Cancer Antigen 125 Protein

Catalog No.	CSI19626A	Quantity:	10KU
	CSI19626B		25KU
	CSI19626C		100 KU

Alternate Names: Carcinoma antigen 125, carbohydrate antigen 125, mucin 16, MUC16, CA125

Description: Human Cancer Antigen 125 (CA-125) is one of the largest members of the mucin family of glycoproteins. It is a membrane-associated protein that can be released from the cell surface by undergoing proteolytic cleavage. CA-125 may be elevated in the blood of patients with specific types of cancers or other benign conditions. CA-125 is the most frequently used biomarker for ovarian cancer detection.

Gene ID: 94025

UniProt ID: Q8WXI7

Source: Human ascites fluid from adenocarcinoma

Activity: > 350 kU/mL by EIA

Formulation: 10 mM PBS, pH 7.2

Purity: > 90% by SDS-PAGE
< 1% CA 15-3, CEA, CA 19-9

Handling: Centrifuge vial prior to opening and withdrawing product

Applications: Immunogen, Controls.

Storage & Stability: Store at -20°C to -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -20°C to -80°C. **Avoid repeated freeze-thaw cycles.**

Statement: Non-infectious disease statement: negative or non-reactive at the donor level for HIV 1 and 2 (antibodies or NAT), HCV (antibodies or NAT), and HBsAg. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Biosafety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 2009.

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