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MUC16

Native Human Cancer Antigen 125, High Purity Preservative Free

Catalog No. CNH004 Quantity: 50 KU

Alternate Names: Mucin-16, MUC-16, Ovarian cancer-related tumor marker CA125, CA-125, Ovarian

carcinoma antigen 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.

UniProt ID: Q8WXI7

Gene ID: 94025

Concentration: 500 KU/ml

Source: Human ascitic fluids

Formulation: PBS, pH 7.2, without preservative

Purity: High Purity >98% pure by SDS PAGE

CA19-9 <1.0% CA72-4 <1% CA15-3 <0.1 %

Handling: Centrifuge vial briefly to consolidate liquid.

Applications: Immunogen. Suitable as a calibrator for immunoassays.

Storage & Stability: Store at 2-8°C for a maximum of 12 days. Store in aliquots at -20°C to -80°C for long

term storage. Avoid repeated freeze/thaw cycles.

Non-Infectious Disease

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

E-mail: info@cellsciences.com

Website: www.cellsciences.com

infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in

Microbiological and Biomedical Laboratories", 2009.

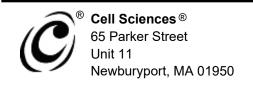
Toll Free: 888-769-1246

Phone: 978-572-1070

Fax: 978-992-0298

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Toll Free: 888-769-1246 E-mail: info@cellsciences.com
Phone: 978-572-1070 Website: www.cellsciences.com

Fax: 978-992-0298