

# Native Antigens

## Cancer Antigen CA 125 (Partially Pure)



Product Code : 00-AGN-TM-0CA-002

CA125 is a membrane-bound protein at the cell surface such as the ocular surface, respiratory tract, and female reproductive tract. It acts as a lubricating barrier against foreign particles and infectious agents. Its expression is altered in various conditions like cystic fibrosis and cancers. CA125 is used as the biomarker for ovarian cancer detection. It is used as a positive control in the ELISA test kit.

### Specifications:

#### PARAMETERS

Physical Appearance

CA 125 Concentration  
(CLIA Method)

Purity

Cross Contaminants

CEA, AFP and

Transferrin Content

Form

Storage buffer

Storage temperature

Shelf life

Anti HIV-1&2 (ELISA)

Anti HCV (ELISA)

HBsAg Antigen (ELISA)

HBV DNA (PCR)

HCV RNA (PCR)

HIV DNA (PCR)

Source

#### ACCEPTANCE CRITERIA

Clear Protein Solution

≥ 70,000 IU/ml

Specific Protein to Total protein should be ≥ 10,000 IU/ml/OD

CA 15.3, CA 19.9 concentrations should be ≤ 20% of  
CA 125 concentration

As per customer requirement

Liquid

Tris Saline with 15mM NaN<sub>3</sub>, pH 7.4 ± 0.2

2 to 8°C

3 years

Negative

Negative

Negative

Not Detected

Not Detected

Not Detected

Human ascitic fluid

For research use or further manufacturing purposes only

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