

Native Antigens

Carbohydrate Antigen CA 19-9 (Partially Pure)



Product Code : 00-AGN-TM-0CA-001

CA19-9 is a tetrasaccharide attached to O-glycans on the cell surface essential for the cell-to-cell recognition process. CA19-9 is produced in the pancreases, biliary tract, gastric, colonic, and uterine mucosa, and the salivary glands. It has been reported to show increase in the stomach, colorectal, lung, thyroid, as well as biliary and pancreatic cancers, thus acting as a tumor marker primarily in the management of pancreatic cancer. It is used as a positive control in the ELISA test kit for the detection of cancers.

Specifications:

PARAMETERS

Physical Appearance

CA 19-9 Concentration (ECLIA)

Purity

Contaminants (ECLIA)

CEA, AFP and

Transferrin Content

Form

Storage buffer

Storage temperature

Shelf life

HBV DNA (PCR)

(On US FDA Approved kits)

HCV RNA (PCR)

(On US FDA Approved kits)

HIV DNA (PCR)

(On US FDA Approved kits)

Anti HIV-1&2 (ELISA)

Anti HCV (ELISA)

HBsAg Antigen (ELISA)

Source

ACCEPTANCE CRITERIA

Clear protein solution

≥ 70,000 IU/ml (On Roche Cobas 601)

Specific protein to total protein should be ≥ 10000 IU/ml/OD

CA 125, CA 15.3 concentrations should be ≤ 20% of CA 19.9 concentration (On Roche Cobas 601)

As per Customer requirement

Liquid

Tris Saline with 15mM NaN₃, pH 7.4 ± 0.2

2 to 8°C

3 years

Not detected

Not detected

Not detected

Negative

Negative

Negative

Human ascitic fluid

For research use or further manufacturing purposes only

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