

Native Antigens

Alpha-fetoprotein (High Pure)



Product Code : 00-AGN-TM-AFP-001

Alpha-fetoprotein is a serum protein found in all mammalian species during embryonic development. This glycoprotein is produced by the fetal liver and yolk sac during the first trimester of pregnancy. AFP levels are analysed through maternal blood or the amniotic fluid to detect any abnormality in the developing fetus. It also acts as a tumor marker and hence is an important marker for the management of cancers. Serum AFP is elevated in people with certain tumors. AFP is used as a control and calibrator in various in vitro diagnostic testing kits.

Specifications:

PARAMETERS

Physical Appearance

AFP Concentration (ELISA)

AFP Concentration (OD at 280nm)

Purity by SDS PAGE

Identity by Western Blot

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

Colourless to straw yellow solution

0.9 to 2.0 mg/ml

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≥ 99% Pure (Single band corresponding to Mol.

Wt. of 60 to 65 kDa)

Should react specifically with anti- alpha-fetoprotein antibodies

Liquid

Tris saline with 15mM NaN₃, pH 7.5 ± 0.2

2 to 8°C

3 years

Negative

Negative

Negative

Not Detected

Not Detected

Not Detected

Human Cord Blood

For research use or further manufacturing purposes only

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