

# Alpha-Fetoprotein, Human Cord Serum

Rev 10/20

**CATALOG NO:** P1585-100 100 µg  
P1585-1000 1 mg

**ALTERNATE NAMES:** AFP, a-fetoprotein, alpha-1-fetoprotein, alpha-fetoglobulin, alpha-1-fetoprotein, HPAFP, FETA

**MOL. WT.** 69,000

**SOURCE:** Human Cord Serum

**PURITY:** >99% SDS - PAGE

**FORM:** Liquid

**FORMULATION:** In 0.2 micron filtered solution in tris buffered saline, pH 7.5 with < 0.100% sodium azide.

**CONCENTRATION:** 0.9 - 2.0 mg/mL ( $A_{280}$ ,  $E^{0.1\%} = 0.52$ )

**STORAGE CONDITIONS:** Store at 4°C.

**DESCRIPTION:** Alpha Fetoprotein (AFP) is a protein that is abundantly produced in the fetus during its development. AFP synthesis decreases after birth. It is known that expression of the AFP is reactivated during liver regeneration and hepatocarcinogenesis. AFP measurement during pregnancy has been useful to detect certain abnormalities specifically if high levels are found in amniotic fluid, can indicate a developmental defect in the baby, and is a valuable diagnostic tumor marker.

**INFECTIOUS DISEASE TESTING:** Negative or non-reactive at the donor level for anti-HIV 1 and 2, anti-HCV, HBsAg, HIV-1 (NAT), HBV (NAT), HCV (NAT) and syphilis by FDA approved methods

## RELATED PRODUCTS:

- Anti-AFP Antibody (C3) (A1423)
- Alpha-Fetoprotein (AFP) ELISA (K4242)
- Anti-AFP Antibody (1D9H5) (A1353)
- Anti-AFP Antibody (3B6G7) (A1355)
- Anti-AFP Antibody (2E1C10) (A1354)
- Alpha-Fetoprotein (AFP), Human Cord Serum (P1297)

**FOR RESEARCH USE ONLY! Not to be used on humans.**