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# Certificate of Analysis and Data Sheet

## Native Human alpha-Fetoprotein / AFP

**Catalog No.**  
228-10029

**Source:**  
Human cord serum

### ***Synonyms***

Alpha-fetoprotein, Alpha-fetoglobulin, Alpha-1-fetoprotein, AFP, FETA, HPAFP.

### ***Introduction***

AFP is normally synthesized in the liver, intestinal tract, and yolk sac of the fetus. Antibody to AFP has been shown to be useful in detecting hepatocellular carcinomas (HCC) and germ cell neoplasms, especially yolk sac tumors.

### ***Description***

Human alpha-fetoprotein purified from human cord serum.

### ***Physical Appearance***

Sterile Filtered clear solution.

### ***Formulation***

Alpha Fetoprotein protein at 2.5mg/ml 0.1M PBS buffer pH 7.4 containing 0.1% NaN<sub>3</sub>.

### ***Stability***

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

**Please prevent freeze-thaw cycles.**

### ***Applications***

- ELISA
- Inhibition Assays
- Western Blotting.

### ***Characterization***

On SDS-PAGE commassie blue stained gel, the purified protein shows a band at 70kDa.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**