

AFP

Native Human Alpha-fetoprotein, AFP, Antigen

Catalog No.	CNH020	Quantity:	1.0 mg
Alternate Names:	AFP		
Description:	Alpha-fetoprotein is the most abundant plasma protein found in the human fetus. It is produced by the yolk sac and the fetal liver during fetal development. It is thought to be the fetal analog of serum albumin. It binds to copper, nickel, fatty acids and bilirubin and is found in monomeric, dimeric and trimeric forms.		
UniProt ID	P02771		
Gene ID:	174		
Source:	Human cord serum		
Molecular Weight:	70 kDa		
Formulation:	Lyophilized		
Purification:	Ion exchange chromatography		
Purity:	> 95% by SDS-PAGE		
Applications:	Immunogen, ELISA		
Storage & Stability:	Store at 2-8°C for short term. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		
Certification:	Serum from donors has been tested and found to be negative for HIV-1/HIV-2, Hepatitis B Core Antigen, Hepatitis B Surface Antigen, Hepatitis C Virus and Syphilis by current FDA approved methods. However, because no test method can offer complete assurance that HIV, HBsAg, HCV, Syphilis or other infectious agents are absent, this material should be handled at the Bio-safety Level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Biosafety in Microbiological and Biomedical Laboratories", 1999.		

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