

TECHNICAL PRODUCT SUMMARY

α-Fetoprotein (AFP)

PROTEINS

Cat. No.	Description	Source	Purity
A0724	α-Fetoprotein (AFP)	Human Cord Serum	≥95%
A0723	α-Fetoprotein (AFP)	Human Cord Serum	≥50%
A2414	α-Fetoprotein (AFP)	Human Hepatoma Cell Line	≥95%

ANTIBODIES

Cat. No.	Description	Clone	Subclass	Affinity Constant
MA075	AFP Monoclonal	CA001	IgG ₁	6.0 x 10 ⁹

Intended Use: All Products are for Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.

α-Fetoprotein (AFP)

α-Fetoprotein (AFP) belongs to the α₁-globulin family of human plasma proteins and contains approximately 4% carbohydrate. AFP is produced primarily in the fetal liver and can be found in fetal and maternal blood and in amniotic fluid.

As part of a triple-marker screening protocol with human chorionic gonadotropin and unconjugated estriol, immunoassays for maternal serum levels of AFP are useful in detecting neural tube defects and Down's Syndrome. Elevated AFP serum levels are also found in pregnant women with diabetes and Rh immunization. Furthermore, AFP serum levels may be indicative of viral hepatitis, chronic active hepatitis, ulcerative colitis, Crohn's disease, alcoholic cirrhosis, and adenocarcinoma of the liver, lung, pancreas, stomach, and gall bladder.

ISO 9001:2015