



DNA Aptamer against Alpha Fetoprotein (AFP)

SKU# APT-024: DNA Aptamer against Alpha Fetoprotein (AFP)

Background

Alpha fetoprotein (AFP) is a protein produced by the liver and yolk sac of a fetus. AFP has no normal function in adults. The alpha fetoprotein test (AFP) is a blood test performed to measure, diagnose, or monitor fetal distress or fetal abnormalities. It can also detect some liver disorders and some cancers in adults.

Aptamer type: DNA aptamer

Aptamer Length: 73 bp

Affinity KD: 2.37 nM

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-024-10	Single strand DNA, lyophilized powder	10 nmol
APT-024-30	Single strand DNA, lyophilized powder	30 nmol

- Store at -20°; reagents are guaranteed stable for 12 months when properly stored.

References

Huang, C.J., et al., An integrated microfluidic system for rapid screening of alpha-fetoprotein-specific aptamers, Biosens. Bioelectron. 35 (2012) 50–55.