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# DNA Aptamer against Fibrinogen

SKU# APT-006: DNA Aptamer against Fibrinogen

## Background

Fibrinogen is a 340kDa hexameric plasma glycoprotein synthesized by the liver and is the major structural component of a clot. Abnormally high levels of fibrinogen can occur due to a number of reasons, including injury, infection, inflammation, pregnancy, aging, tobacco use, obesity, and insulin resistance.

**Aptamer type:** DNA aptamer

**Aptamer length:** 90 bp

**Affinity KD:** 6.2 ±1.4 nM

## Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-006-10	Single strand DNA, lyophilized powder	10 nmol
APT-006-30	Single strand DNA, lyophilized powder	30 nmol

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

## References

Lin, H.I., et al., Selection of aptamers specific for glycated hemoglobin and total hemoglobin using on-chip SELEX, Lab Chip 2015, 15: 486–494.