



DNA Aptamer against Enterotoxin A of *Staphylococcus aureus*

SKU# APT-020: DNA Aptamer against Enterotoxin B of *Staphylococcus aureus*

Background

Staphylococcal enterotoxin A (SEA) is a toxin produced by the bacterium *Staphylococcus aureus* that can cause food poisoning and other health issues. SEA exposure can cause nausea, vomiting, diarrhea, and cramps.

Aptamer type: DNA aptamer

Aptamer length: 40 bp

Affinity KD: 48.6 ± 6.6 nM

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-020-10	Single strand DNA, lyophilized powder	10 nmol
APT-020-30	Single strand DNA, lyophilized powder	30 nmol

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

References

Huang, Y., et al., Selection, identification and application of a DNA aptamer against *Staphylococcus aureus* enterotoxin A, *Anal. Methods* 2014, 6: 690–697.