



DNA Aptamer against *Bacillus cereus*

SKU# APT-037: DNA Aptamer against *Bacillus cereus*

Background

Bacillus cereus is a common food poisoning Gram-positive pathogen which mainly produces two different types of toxins, the diarrhea inducing and the emetic toxins.

Aptamer type: DNA aptamer

Aptamer length: 77 bp

Affinity KD: 5.7 nM

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-037-10	Single strand DNA, lyophilized powder	10 nmol
APT-037-30	Single strand DNA, lyophilized powder	30 nmol

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

References

Fischer, C. et al., Food sensing: aptamer-based trapping of *Bacillus cereus* spores with specific detection via real time PCR in milk. *J. Agric. Food Chem.* 2015, 63 (36): 8050–8057.