



DNA Aptamer against *Listeria monocytogenes*

SKU# APT-038: DNA Aptamer against *Listeria monocytogenes*

Background

Listeria monocytogenes is the species of pathogenic bacteria that causes the infection listeriosis. It is a facultative anaerobic bacterium, capable of surviving in the presence or absence of oxygen. It can grow and reproduce inside the host's cells and is one of the most virulent foodborne pathogens.

Aptamer type: DNA aptamer

Aptamer length: 35 bp

Affinity KD: 48.74 ± 3.11 nM

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-038-10	Single strand DNA, lyophilized powder	10 nmol
APT-038-30	Single strand DNA, lyophilized powder	30 nmol

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

References

Duan, N. et al., Selection, identification and application of a DNA aptamer against *Listeria monocytogenes*. Food Control 2013, 33: 239-243.