



DNA Aptamer against kanamycin A

SKU# APT-034: DNA Aptamer against kanamycin A

Background

Kanamycin A, often referred to simply as kanamycin, is an antibiotic used to treat severe bacterial infections and tuberculosis. It is not a first line treatment. It is used by mouth, injection into a vein, or injection into a muscle. Kanamycin is recommended for short-term use only, usually from 7 to 10 days.

Aptamer type: DNA aptamer

Aptamer length: 98 bp

Affinity KD: 3.9 μ M

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-034-10	Single strand DNA, lyophilized powder	10 nmol
APT-034-30	Single strand DNA, lyophilized powder	30 nmol

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

References

Stoltenburg, R., et al., Capture-SELEX: selection of DNA aptamers for aminoglycoside antibiotics, J. Anal. Methods Chem. 2012, 415697.