



DNA Aptamer against Gastric Cancer Cells

SKU# APT-071: DNA Aptamer against Gastric Cancer Cells

Background

Gastric cancer cell lines are crucial for studying the biology of gastric cancer and developing new treatments. Some commonly used gastric cancer cell lines:

- MKN-45: A non-scirrhou gastric cancer cell line.
- NUGC-4: A scirrhou gastric cancer cell line.
- OCUM-1: Another scirrhou gastric cancer cell line.
- KATO-III: A cell line derived from malignant pleural effusion.
- SNU-16: A cell line used for various gastric cancer studies.

These cell lines are used for *in vitro* functional experiments and cell-derived xenograft (CDX) models, which are widely used in gastric cancer research.

Aptamer type: DNA aptamer

Aptamer length: 33 bp

Affinity KD: 52.7-71.2 nM by Cell-SELEX

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-071-10	Single strand DNA, lyophilized powder	10 nmol
APT-071-30	Single strand DNA, lyophilized powder	30 nmol

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