



DNA Aptamer against Ovarian Cancer Cells

SKU# APT-070: DNA Aptamer against Ovarian Cancer Cells

Background

Ovarian cancer cell lines are used extensively in research to study the biology of ovarian cancer and to develop new treatments. Some commonly used ovarian cancer cell lines are: SK-OV-3 (a high-grade serous ovarian cancer cell line), A2780 (a platinum-sensitive ovarian cancer cell line), OVCAR-3 (another high-grade serous ovarian cancer cell line), CAOV-3 (a cell line derived from ovarian adenocarcinoma), and IGROV-1 (a cell line used to study ovarian cancer biology). These cell lines are used to model different subtypes of ovarian cancer, such as high-grade serous, low-grade serous, endometrioid, clear cell, and mucinous ovarian cancers. They help researchers understand the molecular mechanisms of the disease and test potential therapeutic agents.

Aptamer type: DNA aptamer

Aptamer length: 45 bp

Affinity KD: 29.24-158 nM by Cell-SELEX

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-070-10	Single strand DNA, lyophilized powder	10 nmol
APT-070-30	Single strand DNA, lyophilized powder	30 nmol

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