
DNA Aptamer against Acute Lymphoblastic Leukemia (ALL) Cancer Cells

SKU# APT-067: DNA Aptamer against Acute Lymphoblastic Leukemia (ALL) Cancer Cells

Background

Leukemia is a group of blood cancers that usually begin in the bone marrow and produce high numbers of abnormal blood cells. These blood cells are not fully developed and are called blasts or leukemia cells. There are four main types of leukemia

- Acute lymphoblastic leukemia (ALL).
- Acute myeloid leukemia (AML).
- Chronic lymphocytic leukemia (CLL).
- Chronic myeloid leukemia (CML).

Diagnosis is typically made by blood tests or bone marrow biopsy.

Aptamer type: DNA aptamer

Aptamer length: 51 bp

Affinity KD: 5.16 nM by Cell-SELEX

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-067-10	Single strand DNA, lyophilized powder	10 nmol
APT-067-30	Single strand DNA, lyophilized powder	30 nmol

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