



DNA Aptamer against HepG2 Hepatoma Cells

SKU# APT-068: DNA Aptamer against MCF-7 HepG2 Hepatoma Cells

Background

HepG2 (or Hep G2) is a human liver cancer cell line. HepG2 is an immortal cell line which was derived in 1975 from the liver tissue of a 15-year-old Caucasian male with a well-differentiated hepatocellular carcinoma. HepG2 cells are a suitable in vitro model system for the study of polarized human hepatocytes.

Because of their high degree of morphological and functional differentiation in vitro, Hep G2 cells are a suitable model to study the intracellular trafficking and dynamics of bile canalicular, sinusoidal membrane proteins, and lipids in human hepatocytes *in vitro*.

Aptamer type: DNA aptamer

Aptamer length: 63 bp

Affinity KD: 60-86 nM by Cell-SELEX

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-068-10	Single strand DNA, lyophilized powder	10 nmol
APT-068-30	Single strand DNA, lyophilized powder	30 nmol

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