



DNA Aptamer against Glucagon Receptor

SKU# APT-053: DNA Aptamer against Glucagon Receptor

Background

Glucagon receptor is a G-protein coupled receptor for glucagon that plays a central role in the regulation of blood glucose levels and glucose homeostasis. Regulates the rate of hepatic glucose production by promoting glycogen hydrolysis and gluconeogenesis. Plays an important role in mediating the responses to fasting.

Aptamer type: DNA aptamer

Aptamer length: 81 bp

Affinity KD: 52.7 ± 5.1 nM

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-053-10	Single strand DNA, lyophilized powder	10 nmol
APT-053-30	Single strand DNA, lyophilized powder	30 nmol

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

References

Wang, G. et al., Selection and characterization of DNA aptamer against glucagon receptor by cell-SELEX. Scientific reports, 2017, 7(1): 7179.