



RNA Aptamer against Mucin-16 (CA125)

SKU# APT-025: RNA Aptamer against Mucin-16 (CA125)

Background

Mucin-16 (CA125) is a large glycoprotein that is normally expressed on mesothelium and is involved in the progression and metastasis of several cancers. It promotes cancer cell proliferation and inhibits anti-cancer immune responses. Mucin-16 (CA125) is a protein that is a tumor marker for certain types of cancer, including ovarian cancer, and is also associated with other cancers and benign conditions.

Aptamer type: RNA aptamer

Aptamer length: 90 bp

Affinity KD: 4.13 nM

Kit contents

The following components are included in the Kit.

	Component	Quantity
APT-025-10	Single strand RNA, lyophilized powder	10 nmol
APT-025-30	Single strand RNA, lyophilized powder	30 nmol

- Store at -80° ; reagents are guaranteed stable for 12 months when properly stored.

References

Lamberti, I., et al., In vitro selection of RNA aptamers against CA125 tumor marker in ovarian cancer and its study by optical biosensing, *Methods* 97 (2016) 58–68.