



DNA Aptamer against Streptavidin

SKU# APT-014: DNA Aptamer against Streptavidin

Background

Streptavidin is a tetrameric protein purified from the bacterium *Streptomyces avidinii*, which binds to biotin, a water-soluble vitamin, with a very high affinity.

Aptamer type: DNA aptamer

Aptamer length: 57 bp

Affinity KD: 56.7 ± 8.2 nM

Kit contents

The following components are included in the Kit.

| | Component | Quantity |
|------------|---------------------------------------|----------|
| APT-014-10 | Single strand DNA, lyophilized powder | 10 nmol |
| APT-014-30 | Single strand DNA, lyophilized powder | 30 nmol |

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

References

Stoltenburg, R., et al., FluMag-SELEX as an advantageous method for DNA aptamer selection, *Anal. Bioanal. Chem.* 383 (2005) 83–91.