

## APTAMER INFORMATION

### Vomitoxin\_0.00\_7

#### 1a. Description:

- Identifiers: Vomitoxin\_0.00\_7
- Number of DNA nucleotides: 79 bases
- Target for selection: **Vomitoxin**

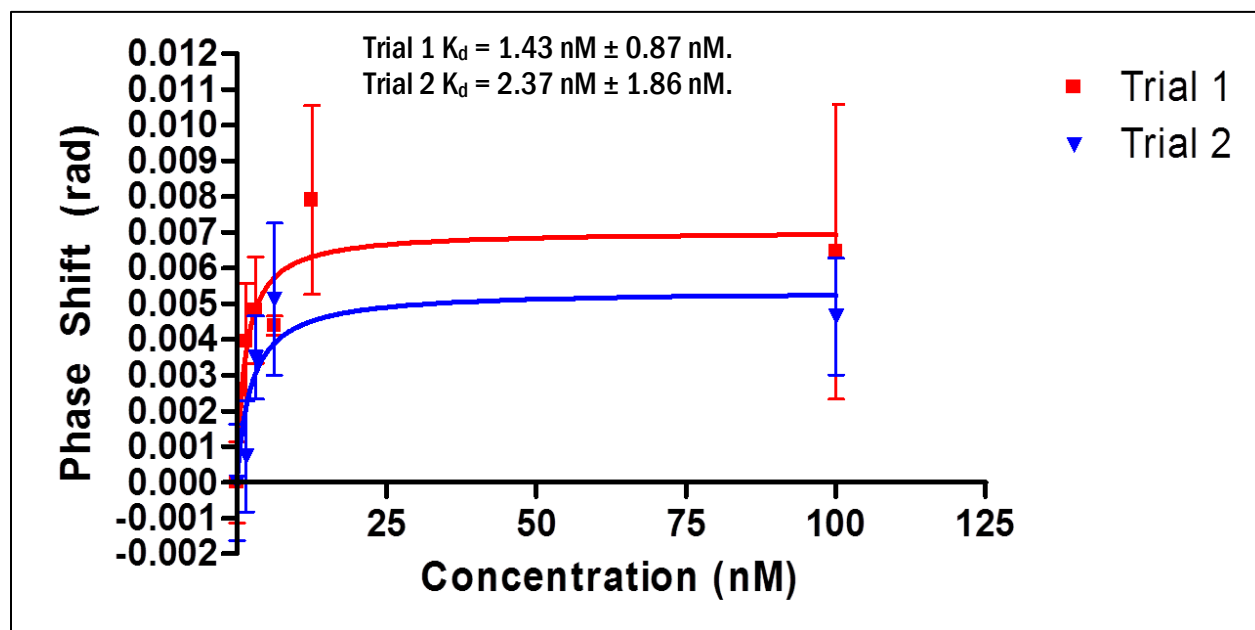
Aptamer was selected from a randomized 32-mer library against Vomitoxin. Proprietary methods were then used to select the aptamer.

#### Aptamer folding instruction before use:

Once the aptamer is in its working concentration, it needs to be heated to 85-90 °C for 2 minutes, and then cooled to room temperature before use.

#### 1b. Validation data with Vomitoxin by BSI method:

- Buffer used for validation: 1 mM MgCl<sub>2</sub> and 1X PBS, pH 7.4



**Figure 1.** Aptamer-vomitoxin binding. The phase shift of bound aptamer is plotted versus the titrated vomitoxin concentration. The values are the mean values from three independent measurements.