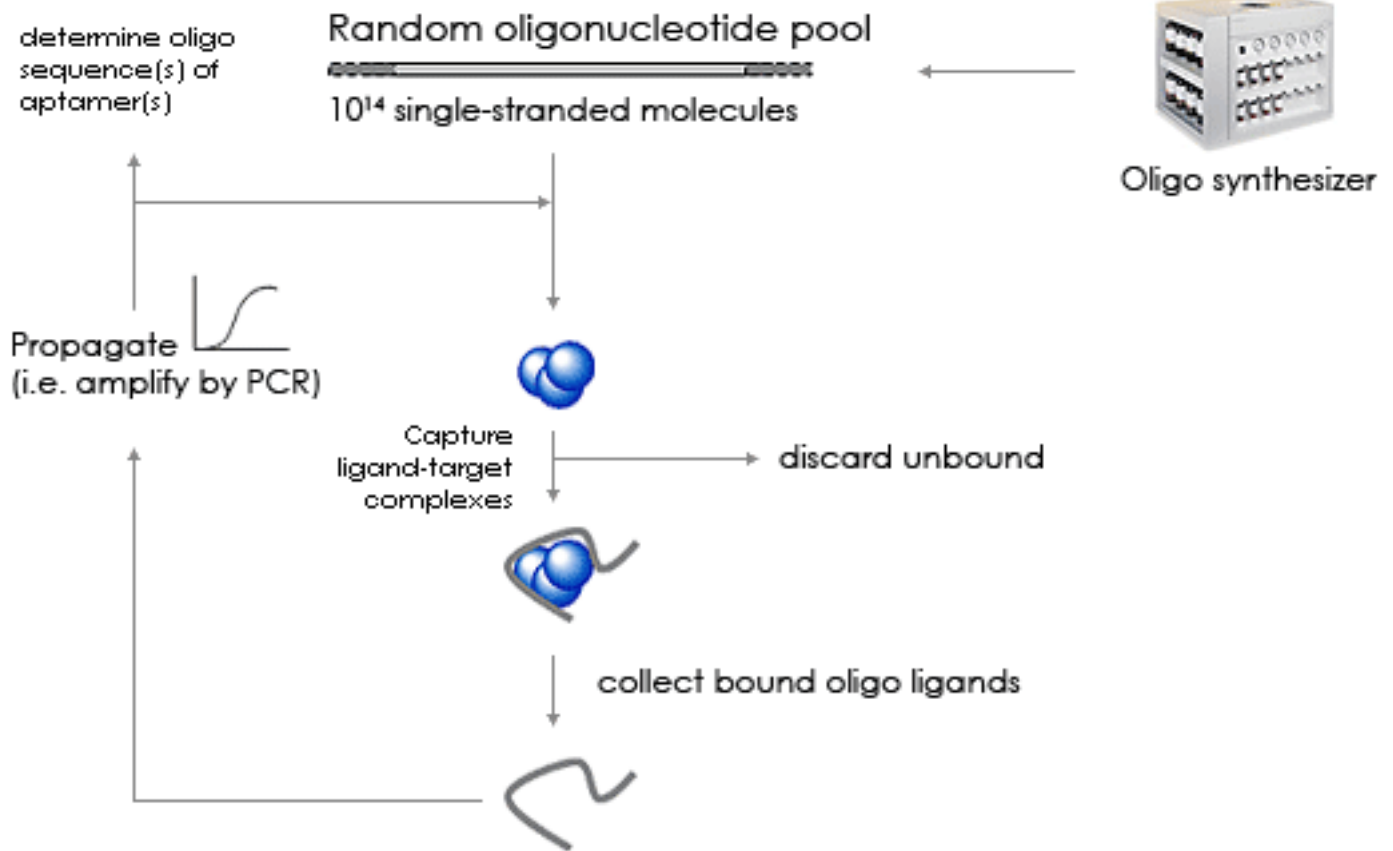


# Diagnostic and Biomarker Detection



## What is an aptamer?

Aptamers are (stable) single-stranded RNA or DNA molecules capable of binding to its target antigen with high affinity and specificity. Aptamers have been developed against a wide variety of targets ranging from small organics to large proteins.

### *Aptamers Against Virtually Any Target!*

## Benefits

\* Development and Manufacturing costs and time are all lower compared to that of monoclonal antibody production.

\* Once the aptamer (nucleic acid) sequence is known, the aptamer can be produced on the fly using an oligo synthesizer to meet ones immediate needs.

\* Easy to label with reporters, enzymes, or fluorescent tags.