

## **Aptagen, LLC**

### **Logo:**



### **Mailing Address:**

250 North Main St.

### **City:**

Jacobus

### **State/Province:**

Pennsylvania

### **Country:**

United States

### **Zip:**

17407

### **Phone:**

717-278-2436

## Corporate Email Address:

[mailbox@aptagen.com](mailto:mailbox@aptagen.com) [1]

## About Us:

Aptagen, LLC is a biotechnology company offering aptamer products as research reagents, diagnostic and biomarker discovery tools, as well as for use in drug discovery and targeted delivery for therapeutics and bioindustrial applications. Located in Jacobus PA, Aptagen has 20 years of experience in developing aptamers for all types of downstream applications.

Aptagen develops and manufactures aptamers (synthetic antibodies) which are ligands of RNA, DNA, and peptide oligos that bind to a variety of target antigens. Aptamers (synthetic antibodies) are sometimes referred to as “chemical antibodies or DNA antibodies. Aptazymes are aptamers (synthetic antibodies) with enzymatic activity. A subclass of aptazymes called molecular switches is analogous to molecular beacons for fluorescent detection of analytes in test samples. Examples include allosteric ribozymes, also known as riboswitches.

Aptagen is also your premier source for custom oligos, small or large, regardless of complexity. With Aptagen's AptaBuilder BETA, designing your specialized oligonucleotide online has never been easier. Simply select your desired oligo chemistry and begin typing A, C, G, T, U, or amino acids to produce a graphical representation of your oligo. Select from a variety of base types including DNA, RNA, 2'-F-RNA, 2'-O-Me-RNA, 2'-NH<sub>2</sub>-RNA, LNA alternatives, and amino acids. Design your specialized oligo by adding 5', internal, and 3' modifications to suite your needs and watch as your oligo statistics are calculated in real-time. Add your customized oligos to a Wish List or Shopping Cart. With the simplicity and flexibility of AptaBuilder™ BETA, the possibilities are literally endless for oligos; its power is unmatched by any other online oligo builders on the market today. Whether it is aptamer (synthetic antibody) oligos, unique or challenging oligos, conjugated oligonucleotides, or peptides, contact Aptagen to help solve your needs for all types of oligos.

Forget Antibodies. Use Aptamers! (TM)

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## Links:

[1] <mailto:mailbox@aptagen.com>