

# Revolutionizing human potential through precision genomics

## Discover what's possible

At Integrated DNA Technologies (IDT), we are at the forefront of genomic innovation. Our proprietary synthesis process crafts high-quality oligonucleotides, which have become the building blocks for all modern genomic science. Our comprehensive solutions unlock unprecedented scientific breakthroughs across diverse fields and are helping to engineer the future of our world.

## A mission to accelerate the pace of genomics

Every day, we strive to fulfill our vision of enabling researchers to rapidly move from the lab to life-changing advances. We do this by tirelessly working to equip scientists with the comprehensive genomic solutions they need to move more ideas from concept to real-world impact—unraveling the complexities of cancer, decoding inherited and infectious diseases, tackling intricate health challenges, driving agricultural innovations, and moving even more therapeutic advancements toward the clinic.

For more information, visit [idtdna.com/solutions](https://idtdna.com/solutions)

Accelerating genomic science since **1987**

Empowering **130,000**  
researchers annually

**>200** patents granted

**300+** PhDs on staff

**95%** of custom oligo orders online

Unrivaled customization including  
**1,000+** oligo modifications

**95%+** order volume is placed online

**>135,000** oligos produced daily

Manufacturing in **7 locations**



## Streamline your research journey with a single, trusted partner

By leveraging unparalleled purity in DNA and RNA oligonucleotides across our expansive portfolio, we offer researchers a single, powerful partner throughout the entire scientific journey. By choosing IDT, you're not just selecting a vendor—you're accelerating your path to discovery with industry-leading solutions that catalyze scientific advancements within the life sciences and biotechnology industries.

A suite of design and analysis tools			
Next Generation Sequencing	Functional Genomics	Gene Synthesis and Gene Fragments	PCR, qPCR, dPCR
<ul style="list-style-type: none"> <li>Library preparation</li> <li>Hybridization capture</li> <li>Amplicon sequencing</li> <li>Library normalization</li> <li>Anchored Multiplex PCR</li> <li>Archer Analysis</li> <li>Adapters &amp; primers for NGS sequencers</li> </ul>	<ul style="list-style-type: none"> <li>RNA interference</li> <li>Antisense oligos</li> <li>miRNA inhibitors</li> </ul>	<ul style="list-style-type: none"> <li>gBlocks™ and gBlocks HiFi Gene Fragments</li> <li>eBlocks™ Gene Fragments</li> <li>Rapid genes</li> <li>Megamer ssDNA and dsDNA fragments</li> </ul>	<ul style="list-style-type: none"> <li>Custom primers</li> <li>Custom probes</li> <li>Pre-designed assays</li> <li>Master mixes and reagents</li> <li>GMP &amp; OEM services</li> <li>MGB Eclipse™ probes</li> </ul>
CRISPR	Therapeutic CRISPR Reagents & Services	Custom Oligos	Contract Manufacturing
<ul style="list-style-type: none"> <li>Cas9 system</li> <li>Cas12a (Cpf1) system</li> <li>Guide RNAs</li> <li>Cas enzymes</li> <li>HDR reagents</li> <li>rhAmpSeq™ CRISPR Analysis System</li> <li>HDR donor templates</li> </ul>	<ul style="list-style-type: none"> <li>CGMP gRNA manufacturing</li> <li>CGMP Cas nucleases (via Aldevron)</li> <li>CRISPR safety services</li> </ul>	<ul style="list-style-type: none"> <li>Custom DNA oligos</li> <li>Custom RNA oligos</li> <li>Oligo modifications</li> <li>Reagents</li> <li>GMP oligos</li> <li>GMP primers &amp; probes</li> </ul>	<ul style="list-style-type: none"> <li>Custom Contract Manufacturing and</li> <li>OEM/Private Label services</li> </ul>

### Proud to be part of Danaher

Danaher's science and technology leadership puts IDT's solutions at the forefront of the industry, so they can reach more people. Being a part of Danaher means we can offer unparalleled breadth and depth of expertise and solutions to our customers.

Together with Danaher's other businesses in Biotechnology, Diagnostics and Life Sciences, we unlock the transformative potential of cutting-edge science and technology to improve billions of lives every day.

Connect with us     

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