

# Oligo Modifications?

Your wish is our command.



## All Modifications & Oligo Types Synthesized

- Long oligos up to 250 mer
- Fluorescent Molecular Probes
- Ultra-Modified, DNA, RNA, Chimeric, Fluorescent, and Antisense Oligos
- Specializing in the design and synthesis of challenging combinations of modifications

Providing oligos for demanding applications and consistent results for more than a decade.

Gene Link. Results you can rely on.



Oligo Synthesis



# Omni-Pure

PURE & SIMPLE. ANY DNA.

## Omni-Pure™ & Omni-Clean™ Purification Systems

- Purify plasmid DNA, genomic DNA & RNA from almost any source
- Purify DNA and RNA from agarose gels
- Ultra Purified High Yield
- No Toxic Reagents
- Rapid Purification Protocols
- Suitable for All Molecular Biology Applications
- Convenient Optimized Reagents
- Easy Spin Column Format

Gene Link. Results you can rely on.



Genetic Tools & Reagents



Fragile X

Huntington's Disease

Myotonic Dystrophy

Friedreich's Ataxia

SMA

## Gene Detection Made Easy.

### Gene Link is the leader in triple repeat disorder genotyping using non-radioactive based methods

We have more than a decade of expertise and have developed non-radioactive detection methods for safe, sensitive, and reliable genotyping of human genetic disorders.

Take a look at our simple agarose & polyacrylamide gel based systems, chemiluminescent Southern blot detection methods, and fluorescent systems for genotyping of triple repeat disorders.

Gene Link. Results you can rely on.



Gene Detection System



## RNA interference

### Specializing in the design & synthesis of siRNA, miRNA, siRNA-Aptamer & RNA oligos with challenging combinations of modifications

**SmartBase™** siRNA modifications to specifically increase duplex stability, nuclease resistance and cell permeation.

**SmartSeed™** siRNA modifications that assist to minimize the off-target effects induced by seed region complementarity.

**Guaranteed RNAi Explorer™** Simply give us the accession number and Gene Link designs, synthesizes and supplies 3 siRNA.

Gene Link. Results you can rely on.



RNA Interference

\*Not every siRNA can effectively down regulate a gene. The process of RNA interference varies by individual siRNA while some do not exhibit any interference at all.

toll free: **1-800-GENE LINK** | [www.genelink.com](http://www.genelink.com)



Gene Link™

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I MAY BE SMALL, BUT I HOPE TO PLAY A  
BIG ROLE IN HELPING RESEARCHERS

DEVELOP  P

TARGETED THERAPIES TO FIGHT DISEASE.

I WANT TO BE PART OF SOMETHING

THAT ADVANCES HUMAN HEALTH.

THAT'S WHY I'M BEGINNING MY JOURNEY WITH

EXPRESSION ANALYSIS.

EVERY SPECIMEN HAS A STORY. LET YOURS BE HEARD AT [GENOMICKNOWHOW.COM](http://GENOMICKNOWHOW.COM)



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# EVERYONE DESERVES A CHANCE TO BREAK THROUGH

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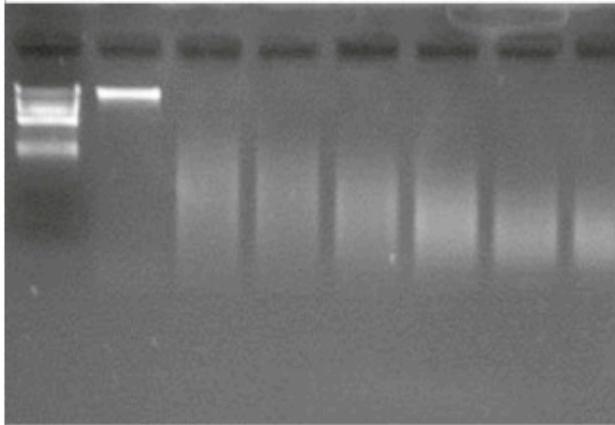
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# Check quantity AND quality of gDNA with one instrument.

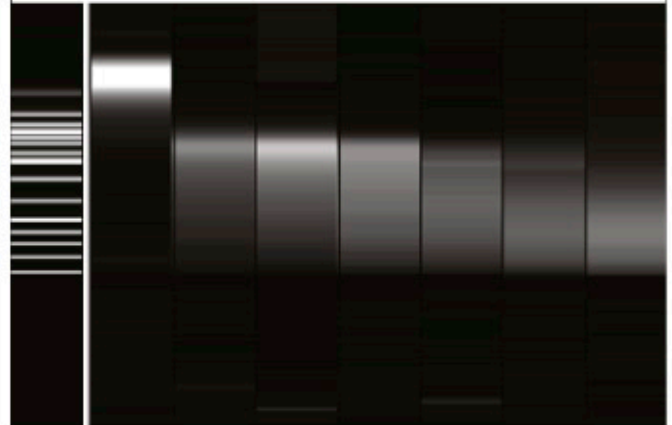
## The Fragment Analyzer™ Automated CE System

### The Past



*Human genomic DNA. Traditional manual agarose slab gel shows intact gDNA in the second lane. Gel images in remaining lanes show varying levels of gDNA degradation.*

### The Future



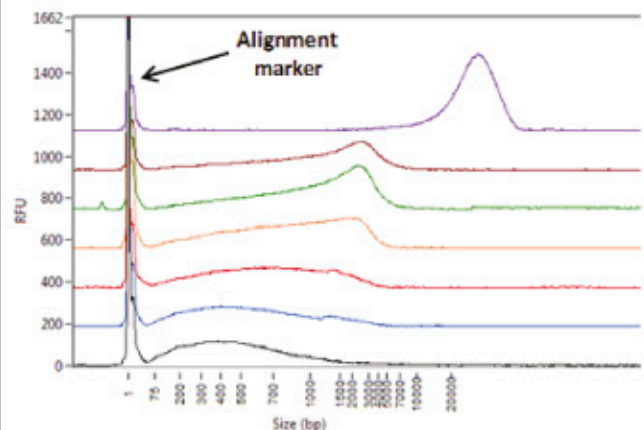
*Same sample of human gDNA, identical results.*

*BELOW: Raw data is captured by automated capillary electrophoresis system, as seen in electropherogram overlay. >20,000 bp peak indicates intact gDNA on the upper-most trace.*

*ABOVE: Data can then be processed and presented in a variety of ways, such as this digital gel image.*

### Fragment Analyzer™ Benefits

- ◆ **No more pouring gels.** Automated simultaneous analysis of 12 or 96 samples.
- ◆ **Higher sensitivity than agarose gels.** Use small amounts of gDNA samples. (0.1 ng)
- ◆ **Ultra fast lower marker** (set to 1 bp) migrates faster than degraded gDNA for superior quality and quantity assessment.
- ◆ **Good sizing capability** to differentiate degraded, partially degraded or intact gDNA.
- ◆ **See RNA contamination** in gDNA extractions.



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