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.

Phone: 515-296-6600 | www.aati-us.com