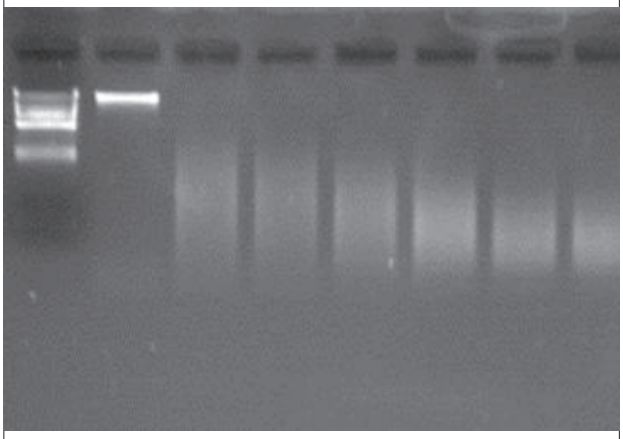
Check quantity AND quality of gDNA with one instrument.

The Fragment Analyzer™ Automated CE System

The Past

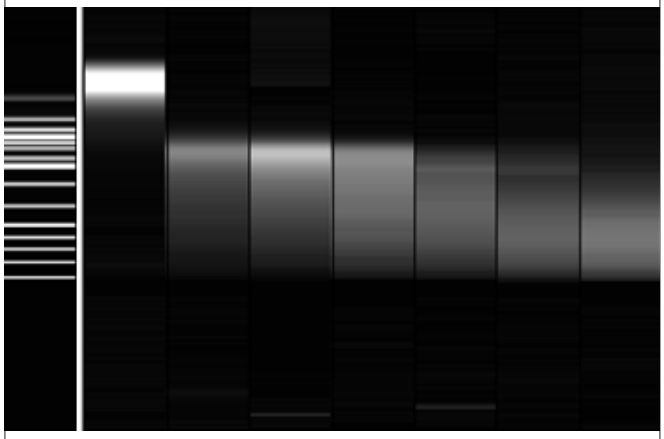


Human genomic DNA. Traditional manual agarose slab gel shows intact gDNA in the second lane. Gel images in remaining lanes show varying levels of gDNA degradation.

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 1bp) 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.

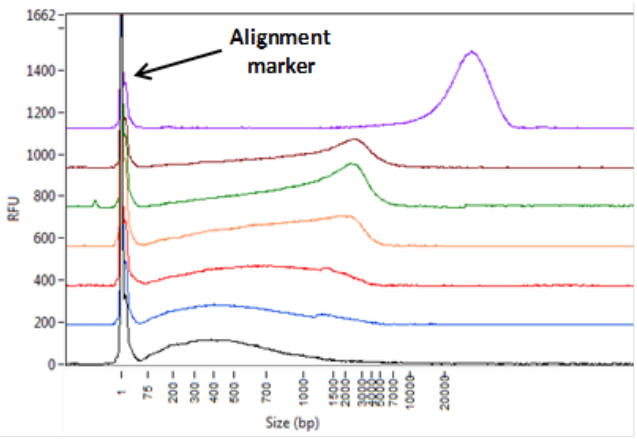
The Future



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.



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