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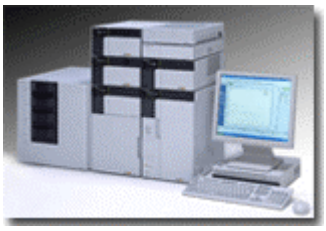
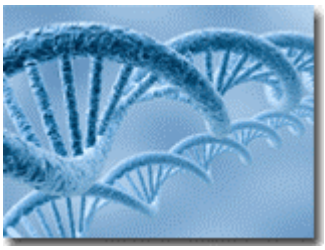
Shimadzu Scientific Instruments
North America



Prominence Ultra-fast LC (UFLC) with eXtra Resolution (XR)
For unique challenges that demand the use of longer columns for extra resolution, the high-pressure (66MPa) compatible Prominence UFLCXR delivers results without loss in basic chromatographic performance.



DNA Ladder Analyses
MultiNA Application Note: Examples of DNA ladder analyses using the MultiNA DNA/RNA analyzer in conjunction with applicable reagent kits; in each case, electropherogram peaks were correctly assigned using a proprietary ladder peak detection algorithm.

Eliminating Environmentally Un-friendly Environmental Methods **TOC Application Note:**Conforming to ASTM D5176, the Total Nitrogen Module uses combustion oxidation and chemiluminescence detection to analyze Total Nitrogen in less than 4 minutes – without using toxic chemicals or producing hazardous wastes.

Simulated Distillation Analysis of Heavy Canadian Crude Oil by ASTM D 5307 **GC Application Note:** Simulated Distillation determines the boiling point distribution of a crude oil stock, useful to refinery engineers for a number of reasons. In this study, the technique was performed using bitumen samples obtained from the oil sands region of Canada.