



310 Genetic Analyzer

The ABI PRISM® 310 Genetic Analyzer is an automated single-capillary genetic analyzer designed for a wide range of sequencing and fragment analysis applications.

- Perform comparative sequencing, linkage analysis, STR analysis, SNP detection, discovery and validation, mutation detection, and many other applications.
- Eliminate gel preparation.
- Set up runs in minutes.
- Automate your workflow to minimize hands-on time and costs.
- Detect five dyes simultaneously to increase throughput.

Versatile, Affordable, Easy-to-Use, and Almost Hands-Free

The 310 Genetic Analyzer -- the ideal alternative to gel-based DNA analysis for any research, clinical, or forensic lab -- enables you to automate applications from *de novo* sequencing to SNP validation and linkage mapping. This versatile analyzer is so easy to use, that once it is installed and you have completed our short training course, all you have to do is load your samples, set up the Data Collection software and click the Start button.

Solution for Today and Tomorrow

The 310 analyzer's built-in capability to integrate new technologies makes it easy to take advantage of the latest tools as soon they become available. For example, to streamline data analysis, you can easily add the latest analysis software to this Windows® 2000 OS-compatible Genetic Analyzer.

Integrated Data Analysis Tools Reduce Time-to-Results

The 310 Genetic Analyzer software suite allows you to generate more meaningful data with less work.

This software suite includes (for U.S. customers, this suite also includes tools that assist with FDA 21CFRpart 11 compliance requirements):

- **Data Collection Software** (supplied with the instrument)
Manages your instrument setup, controls instrument operations, allows real-time data visualization, and performs diagnostics. New features include:
 - Auto-analysis with GeneMapper® v3.5 and SeqScape® v2.1 Software
 - Flexibility to use any choice in dye set option
 - Optimized sequencing run modules that enable you to perform more applications
- **Sequencing Analysis Software**
Performs basecalling; assigns quality values; trims, displays, edits, and prints DNA sequencing data using the KB™ basecaller software.
- **Seqscape® Software**
Provides everything you need to perform resequencing using the VariantSEQr™ Resequencing System.
- **GeneMapper® Software**
Enables configurable, automated allele calling. The closely related GeneMapper®ID Software is specifically designed for human-identity applications.
- **MicroSeq® Software**
Enables you to compare the sequence of an unidentified bacteria or fungi to a validated library for positive identification and taxonomic classification.

Extensive, Experienced Support

Solutions offered to you by the 310 Genetic Analyzer extend beyond just technologies and chemistry. We also have the industry's most experienced and knowledgeable team of support specialists to help you get the most out of your instruments, reagents, and research.

NOTICE TO PURCHASER:

This instrument is Authorized for use in DNA sequencing and fragment analysis. This authorization is included in the purchase price of this instrument and corresponds to the up-front fee component of a license under process claims of U.S. Patents and under all process claims for DNA sequence and fragment analysis of U.S. patents now or hereafter owned or licensable by Applied Biosystems for which an Authorization is required, and under corresponding process claims in foreign counterparts of the foregoing for which an Authorization is required. The running royalty component of licenses may be purchased from Applied Biosystems or obtained by using Authorized reagents purchased from Authorized suppliers in accordance with the label rights accompanying such reagents. Purchase of this instrument does not itself convey to the purchaser a complete license or right to perform the above processes. No rights are granted expressly, by implication or by estoppel under composition claims or under other process or system claims owned or licensable by Applied Biosystems. For more information regarding licenses, please contact the Director of Licensing at Applied Biosystems, 850 Lincoln Centre Drive, Foster City, California 94404.

NOTICE TO PURCHASER

The purchase price of this ABI PRISM® 310 Genetic Analyzer includes a grant of a limited, non-transferable license under method claims of U.S. patents and foreign counterparts, and under element claims of U.S. patents and foreign counterparts, to use this particular instrument for electrophoresis methods employing fluorescence as a means of detection. No other licenses or rights are hereby conveyed either expressly, by implication, or estoppel including, but not limited to, any claims to a composition.

Note: See user's manual or package insert for limited label license, and trademark information.
For Research Use Only. Not for use in diagnostics procedures.

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