

DNA Sequencing: Role in Clinical Laboratories

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Date: August 2011

Pages: 15

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ID: DF487072823EN

Abstracts

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Rationale

This report presents a concise review of the DNA sequencing field, including discussion of such topics as sequencing methods, automation, detection, gene profiling, and expression, polymorphism, screening, protein interaction networks, and others.

Sequencing is expected to continue playing a major role in clinical laboratories, e.g., in detecting resistance mutations in viruses and bacteria, especially because of the rising availability of sequencing technologies and automated instrumentation.

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