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	Descrizione fisica	1 online resource (xxiii, 216 pages) : illustrations
	Collana	Infectious agents and pathogenesis
	Altri autori (Persone)	SpecterSteven
		BendinelliMauro
		FriedmanHerman <1931-2007.>
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	Soggetti	Diagnostic microbiology
		Molecular diagnosis
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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Genetically Engineered Cells in Diagnostic Virology -- Use of Synthetic Peptides in Microbial Diagnostics -- Flow Cytometric Analysis of Virally Infected Cells -- Diagnostic Significance of Antibodies in Oral Secretions -- Genetic Amplification Techniques for Diagnosing Infectious Diseases -- Ligase Chain Reaction for Detecting Sexually Transmitted Diseases -- Applications of the Polymerase Chain Reaction -- Identifying Novel Bacteria Using a Broad-Range Polymerase Chain Reaction -- The Molecular Epidemiology of Nosocomial Infection -- Tyramide Signal Amplification -- Ribotyping as a Tool for Molecular Epidemiology -- Utility of PCR in Situ for Detecting Viral Infections.

Sommario/riassunto

Busy clinicians and health practitioners recognize the importance of speedy detection of pathogens to impede the further spread of infection, and to ensure their patients' rapid and complete recovery. This reader-friendly reference is a unique collection of the newest and most effective diagnostic techniques currently in use in clinical and research laboratories. Instructive commentary regarding the application of these often complex methods is provided. This essential text aids readers in selecting the most efficient method, finding the necessary resources, and avoiding the most common pitfalls in implementation.