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# Veterinary PCR Diagnostics

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## About the eBook

This eBook discusses the basic concepts, chemistries, and instrumentation of standard and real-time PCR, and includes present applications and future perspectives for veterinary diagnostics. It should be a valuable reference for all veterinary professionals interested in this modern diagnostic tool.

### Contents

- ▶ Principles of Real-Time PCR
- ▶ Design and Optimization of Real-Time PCR Assays
- ▶ Antimicrobial Resistance in Bacterial Pathogens: Mechanisms and PCRBased Detection Technologies
- ▶ PCR-Based Diagnosis of Veterinary Bacterial Pathogens
- ▶ PCR Detection of Viruses in Veterinary Medicine
- ▶ Quantitative PCR as a Diagnostic Technique in Veterinary Parasitology
- ▶ PCR and Veterinary Cancer Diagnostics

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