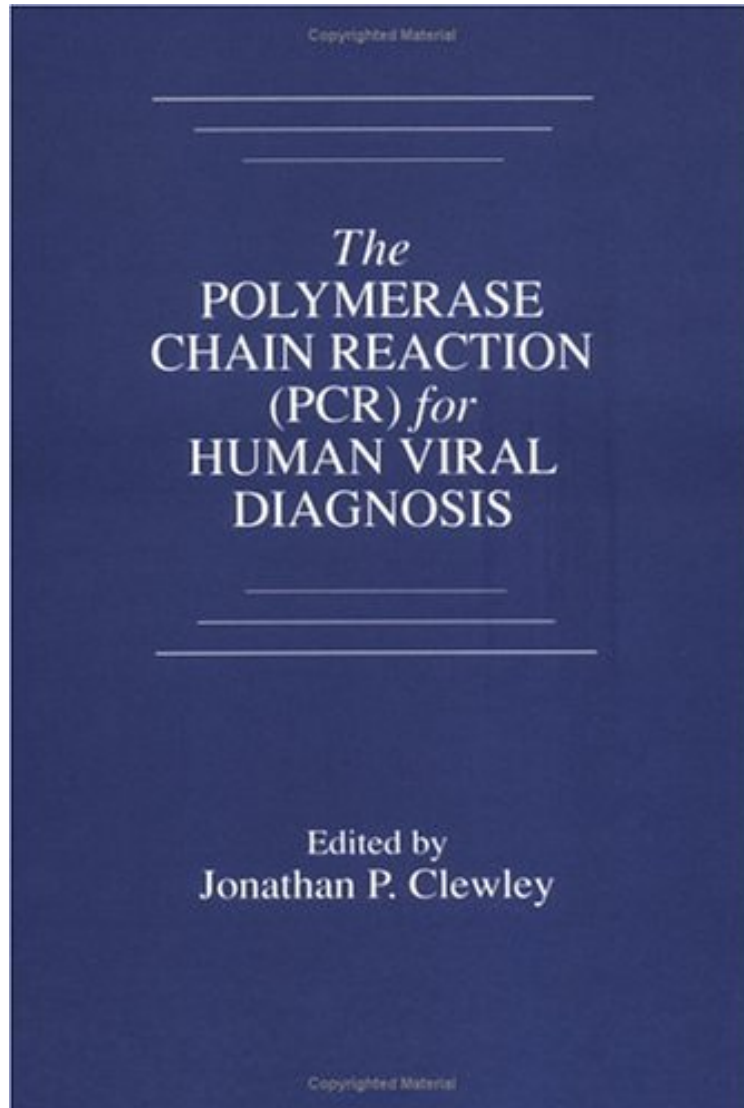


[Library ebook] The Polymerase Chain Reaction (PCR) for Human Viral Diagnosis

The Polymerase Chain Reaction (PCR) for Human Viral Diagnosis

Jonathan P. Clewley

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Jonathan P. Clewley : The Polymerase Chain Reaction (PCR) for Human Viral Diagnosis before purchasing it in order to gage whether or not it would be worth my time, and all praised The Polymerase Chain Reaction (PCR) for Human Viral Diagnosis:

The polymerase chain reaction (PCR) is the most sensitive method for revealing the presence of otherwise undetectable quantities of the genome of RNA or DNA of human viruses. The Polymerase Chain Reaction (PCR) for

Human Viral Diagnosis addresses the urgent need to use this revolutionary technology in reference and routine diagnostic laboratories. It informs the molecular biologist of the most appropriate clinical uses for PCR and educates the clinician and medical virologist about the subtleties and benefits of gene amplification. The reader is given an understanding and appreciation of the principles of PCR and how, why, and where it should be applied. The book explains the principles behind PCR and its role in the diagnostic and public health laboratory. The application of PCR to the detection and investigation of viral latency and persistence is presented by the originators of in situ amplification. There are individual contributions from experts in their respective fields on the detection, characterization, and analysis by PCR of gastroenteritis viruses, hepatitis viruses, herpesviruses, rhinoviruses, enteroviruses, flaviviruses, polyomaviruses, human immunodeficiency virus (HIV), human T-lymphotropic virus types I and II (HTLV-I and II); and measles, mumps, rubella, influenza, rabies, and B19 viruses.