



## Diagnosis of Human Viruses by Polymerase Chain Reaction Technology

By -

Springer. Paperback. Condition: New. 426 pages. Dimensions: 8.9in. x 6.0in. x 1.0in. The present volume of Frontiers of Virology provides new information on the advantages of using the polymerase chain reaction (PCR) in the diagnosis of many viruses that cause human diseases, and on some difficulties of using it. The volume is divided into sections each of which dealing with the diagnosis of a group of human viruses: (1) human lentiviruses (HIV-1, AIDS virus) and retroviruses (HTLV I and II and human spumaviruses), (2) hepatitis viruses A, B, C and Delta, (3) herpesviruses (HSV, VZV, HCMV, EBV, and HHV-6), (4) papilloma JC viruses and BK-J 1 virus, (5) airborne and respiratory viruses, rubella, measles, influenza, rhinoviruses, parovirus B19, adenoviruses and coronaviruses, and (6) additional disease-causing RNA viruses, e. g. rabies virus, flaviviruses, hantaviruses and intestinal virus (picorna virus and rota virus). In dealing with these issues the authors describe both the advantages offered by PCR technology and the current limitations of this technology. In addition, the authors provide basic information on the virus and the disease caused by it and explain how to make an accurate PCR diagnosis. The present book transmits the excitement associated with this advancing frontier in virology and...



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