

CHAPTER 32

MEDICAL SCIENCES MICROBIOLOGY

Doctoral Theses

294. KUMARIA (Rajni)
Rapid Diagnosis and Serotypic Characterization of Dengue Virus by RT-PCR.
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Abstract

ELISA and RIT, the main study of routine laboratory diagnosis of dengue infection are neither able to provide the diagnosis in acute phase nor able to furnish any information about the serotype/s circulating in the region. Delayed diagnosis drastically effects the supportive treatment required to save the patient from severe dengue infection. Dengue is now as a fast emerging; major health concerin in India, eventually an early laboratory confirmation of the disease has become an issue of grave concern, especially in absence of a specific treatment regime. Reveales that in the absence of specific market during acute phase to predict to progression of disease from classic DF to the servere forms of the disease, this accurate and rapid dianostic tool will accomplish a vital role during the early acute phase, in proper prognosis thus in better management of the patient and would help in minimizing the emergencies situations.

Contents

1. Introduction. 2. Review of literature. 3. Lacunae. 4. Aims and objectives. 5. Materials and methods. 6. Results. 7. Discussion. 8. Summary . 9. Conclusions. Bibliography and appendices.