Human Retrovirus Protocols

Virology and Molecular Biology

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Preface

The quantitative isolation of HIV-1 from laboratory that developed this review on methods for the isolation and virus from the peripheral blood mononuclear cells, brain tissues, cerebrospinal fluids, and succeeding chapters constitute protocols of different retrovirus genes, antigens, and materials greater emphasis on “universal” properties of HIV-1 and HIV-2.

The assays for determining cell tropism of HIV-1 have developed the techniques. The next chapter for the determination of co-receptor expression in infected monocytes and examining the system. The next five chapters are on isolation of full-length HIV-1, HIV-2, and virus for assessing drug efficacy follows.

Molecular Biology concludes with strategies for determining human gene expression by microarrays and assessing genetic HIV-1 co-factors, DC-SIGN and other factors necessary to carry out the assays, pitfalls that may be encountered. Most errors, or can be adapted easily.

The contributors for their high-quality work and John Walker, for his valuable advice in preparing this volume.

Tuofu Zhu

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