

Human T-cell Lymphotropic Virus Type-I / II Clinical Disease Spectrum and Diagnosis

Essay

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Of Master Degree in
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وقل رب زدني علماً

صلى الله عليه وسلم

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List of Abbreviations

AIDS	Acquired immunodeficiency syndrome
ATL	Adult T-cell leukaemia / lymphoma
B cell CLL	Chronic lymphocytic leukaemia of B-cell origin
CDC	Center for disease control
CMI	Cell mediated immunity
CSF	Cerebrospinal fluid
CTCL	Cutaneous T-cell lymphoma
CTL	Cytotoxic T lymphocyte
DNA	Deoxyribonucleic acid
ELISA	Enzyme-linked immunosorbent assay
gag	Group specific antigen
GFAP	Glial fibrillary acidic protein
HAM/TSP	Human associated myelopathy / tropical spastic paraparesis
HCL	Hairy cell leukaemia
HRPO	Horseradish peroxidase enzyme
IFA	Immunofluorescence assay
IL-2R	Interleukin-2 receptor
INF	Interferon
IVDUs	Intravenous drug users
Kd	Kilo dalton
LDH	Lactic dehydrogenase
LTR	Long terminal repeat
mRNA	Messenger ribonucleic acid
OPD	O-phenylenediamine solution
PBLs	Peripheral blood lymphocytes
PBMcs	Peripheral blood mononuclear cells
PBS	Phosphate-buffered saline
PCR	Polymerase chain reaction
PCR-DEIA	Polymerase chain reaction-DNA enzyme immunoassay
PHA	Phytohemagglutinin
POL	Polymerase enzyme

RIBA	Radioimmunoprecipitation assay
RNA	Ribonuclei acid
RPMI	Culture media that support the growth of lymphoblastoid cells in suspension
RT	Reverse transcriptase
TNF	Tumor necrosis factor
USA	United States of America
WB	Western Blot
WHO	World Health Organization



INTRODUCTION AND Aim of work

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