سامية محمد مصطفى

شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

سامية محمد مصطفى

شبكة المعلومات الجامعية

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التوثيق الالكتروني والميكروفيلم

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التوثيق الإلكتروني والميكروفيلم

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بعض الوثائق الأصلية تالفة

سامية محمد مصطفى

بالرسالة صفحات لم ترد بالأصل

ROLE OF MYCOBACTERIAL GROWTH INDICATOR TUBE (MGIT) IN THE DIAGNOSIS AND ASSESSMENT OF DRUG SENSITIVITY OF PULMONARY TUBERCULOSIS

Thesis
Submitted in Partial Fulfillment for the Requirement of the M.D. Degree in Chest Diseases and Tuberculosis

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LIST OF ABBREVIATIONS

α2	Alpha
AFB	Acid fast bacilli
AIDS	Acquired immune deficiency syndrome
APC	Antigen presenting cell
AST	Antimicrobial susceptibility test
B.C.	Before century
BCG	Bacillus calmette and Guerin
CDC	Center of disease control
CMI	Cell mediated immunity
CO_2	Carbon dioxide
$^{14}CO_2$	Radioactive carbon dioxide
CSF	Cerebrospinal fluid
DNA	Deoxyribonucleic acid
DOTS	Directly observed treatment with short course chemotherapy
DTH	Delayed hypersensitivity
ELAM	Endothelial lecucoyte adhesion molecule
ELISA	Enzyme linked immunosorbent assay
GC-MS	Gas chromatography-mass spectrum
γ	Gamma
GI	Growth index
h.	Hour
HIV	Human immunodeficiency virus
HLA	Human leucocyte antigen
HPLC	High performance liquid chromatography
ICAM-1	Intracellular adhesion molecule
IF	Interferon gamma
IFN	Interferon
IgG	Immunoglobuline G
IgM	Immunoglobuline M
IL	Interlukin
INH	Isonicotinic acid hydrazide
IUATLD	International union against tuberculosis and lung diseases
KH_2PO_4	Monopotassium phosphate
LCR	Ligase chain reaction
L-J	Lowenstein-Jensen
M	Mycobacterium
MAC	Mycobacterium avium complex
MDR-TB	Multidrug resistant tuberculosis
MGIT	Mycobacterial growth indicator tube
MHC	Major histocomptability complex
MOTT	Mycobacteria other than tuberculosis
MTB	Mycobacterium tuberculosis

NALC	N-acetyl-L-cysteine
Na_2HPO_4	Anhydrous disodium phosphate
NaOH	Sodium hydroxide
NAP	P-Nitro-α-acetylamino-β-hydroxypropiophenone
NK	Natural killer
NTM	Non tuberculous mycobacteria
NTP	National tuberculosis programe
OADC	Olieic acid-albumin-dextrose-catalse
OT	Old tuberculin
PANTA	Polymyxin B, Amphotericin B, Nalidixic acid, Trimethoprun, Azlocillin
PBS	Phosphate buffer solution
PCR	Polymerase chain reaction
POES	Polyoxyethylene stearate
PPD	Purified protein derivatives
PRF	PANTA reconstituting fluid
RMP	Rifampicine
RNA	Ribo nucleic acid
RFLP	Restriction fragment length polymorphism
SIRE	Streptomycin-Isoniazide-Rifampicin-Ethmabutol
TB	Tubercle bacilli
T.U	Tuberculine unit
U.S.A	United State of America
UTRS	Unit of training research and surveillance of national tuberculosis program
UV	Ultraviolet
VCAM	Vascular adhesion molecule
WBC	White blood cell
WHO	World health organization
Z-N	Ziehl-Neelsen

LIST OF FIGURES