بسم اللّه الرحمن الرحيم

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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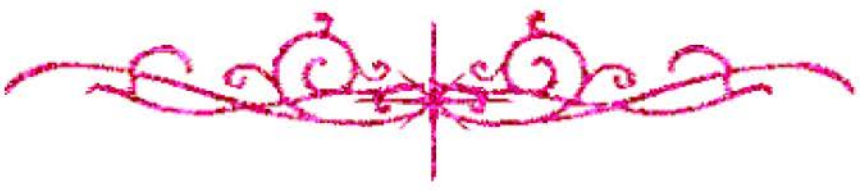
شبكة المعلومات الجامعية

بعض الوثائق الأصلية تالفة



INTERLEUKIN- TWELVE [IL-12] IN TOXOPLASMOSIS CASES

Thesis Submitted For Partial

Fulfillment Of Master Degree In Parasitology

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LIST OF ABBREVIATIONS

A	= Adenine
A.I	= Activity index
AIDS	= Acquired immunodeficiency syndrome.
APC	= Antigen presenting cells.
B	= B lymphocyte
BMSt	= Bone marrow stromal cells
C	= cytosine
CD 8	= T cytotoxic cell.
CD4	= T helper cell
CF	= Complement fixation.
CLMF	= Cytotoxic lymphocyte maturation factor.
CMI	= Cell mediated immunity
CNS	= Central nervous system
CSA	= Circulating soluble antigen.
CSF	= Cerebrospinal fluid
CTL	= Cytotoxic T lymphocyte.
DNA	= Deoxyribonucleic acid
DT	= Dye test
EBV	= Epsein Barr Virus
EIA	= Enzyme immunoassay electrophoresis.
ELISA	= Enzyme- linked immunosorbent assay
En	= Endothelial cells
Ep	= Epithelial cells
ESA	= Excretory secretory antigens
F	= Fibroblast
FDC	= Follicular dendritic cells
G	= Guanine
GCSF	= Granulocyte colony stimulating factor.
GM-CSF	= Granulocyte – macrophage colony – stimulating factor
HIV	= Human immunodeficiency virus.
IFA	=Indirect fluorescent antibody

Ig A	= Immunoglobulin A.
Ig E	= Immunoglobulin E.
IgG	= Immunoglobulin G.
IgM	= Immunoglobulin M.
IHA	= Indirect haemagglutination.
IL10	=Interleukin -10
IL_{12}	= Interleukin-12
IL4	= Interleukin-4
IL5	= Interleukin-5.
IL6	= Interleukin -6.
IL7	= Interleukin -7
INFγ	= Interferon- gamma.
IU	= International unite
K.D.	= Kilodalton.
L	= Leucocytes
LA	=Latex agglutination
LAK	= Lymphokine activated killer
LCV	= Live cyst vaccine
LIF	= Leukemia inhibitory factor.
M	= Macrophages'
M^+	= Monocyte
mAb	= monoclonal Antibodies.
MAT	= Modified agglutination test.
MC	= Mast cell
MHC-I	= Major histocompatibility complex class I.
MIP	= Membrane inhibitory peptide
MOP	= Membrane cofactor protein
MRC5	= Human embryonic fibroblast cell line
NAP	= Neutrophil activating peptide
NK	= Natural killer
NKSF	= Natural killed cell stimulatory factor.
OD	= Optical density
PAS	= Periodic acid schiff
PBMC	= Peripheral blood mononuclear cells.

PBS = Phosphate buffer solution.
PCR = Polymerase chain reaction
PHA = Phytohemagglutinin.
PLC = Pityriasis lichemoides chronica
PV = Parasitophorous vacuole
RIA = Radio- immunoassay.
RNA = Ribonucleic acid.
RT = Reverse transcriptase.
SAC = Staphylococcus aureus Cowan.
SDS-PAGE = Sodium dodecyl sulfate- polyacrylamide gel
T = T lymphocyte
TGF = Transforming growth factor
Th I = T helper I
TMB = Tetramethylbenzidine.
TMP – SMX = Trimethoprim- sulfamethoxazole.
TNF = Tumor necrosis factor