حسام مغربى

شبكة المعلومات الجامعية

بسم اللّه الرحمن الرحيم

حسام مغربى

شبكة المعلومات الجامعية

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

حسام مغربى

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم باللّه العظيم أن المادة التي تم توثيقها وتسجيلها علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

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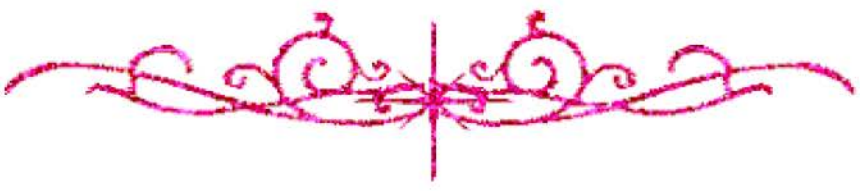
بعض الوثائق الأصلية تالفة



حسام مغربى

شبكة المعلومات الجامعية

بالرسالة صفحات لم ترد بالأصل

IMMUNOLOGICAL STATUS OF EGYPTIAN INFANTS, CHILDREN AND ADOLESCENTS AGAINST MUMPS

Thesis
Submitted for Partial Fulfilment
of the M.D.
Degree in Pediatrics

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1992

بسم الله الرحمن الرحيم

قالوا سبحانك لا علم لنا إلا ما علمتنا
إنك أنت العليم الحكيم .

صدق الله العظيم

سورة البقرة : آية (٣٢)

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CONTENTS

LIST OF ABBREVIATIONS

BC	:	Before Christ.
CF	:	Complement fixation.
CSF	:	Cerebrospinal fluid.
DTP	:	Diphtheria, Tetanus and Pertussis vaccine.
EIA	:	Enzyme immunoassay.
ELISA	:	Enzyme linked immunosorbent assay.
F	:	Fusion protein.
HI	:	Hemagglutination inhibition.
HIG	:	Hemolysis in gel.
HN	:	Hemagglutinin neuraminidase protein.
IgA	:	Immunoglobulin A
IgG	:	Immunoglobulin G
IgM	:	Immunoglobulin M
LBT	:	Lymphocyte blast transformation.
MMR	:	Measles, Mumps and Rubella vaccine.
nm	:	nanometer
OPV	:	Oral poliovirus vaccine.
RF	:	Rheumatoid factor.
RIA	:	Radioimmunoassay.
RNA	:	Ribonucleic acid.
rpm	:	Round per minute.
S	:	Soluble antigen.
SRH	:	Single radial hemolysis.
TCID	:	Tissue culture infectious dose.
UK	:	United Kingdom
USA	:	United States of America.
V	:	Viral antigen.

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