شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

شبكة المعلومـــات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون آية تغيرات

يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %

بالرسالة صفحات

لم ترد بالأصـــل

بعض الوثائق الأصلية تالفة

MOLECULAR FINGERPRINTING OF SALMONELLA TYPHI USING THE 1S200 AS EPIDEMIOLOGICAL MARKER.

Thesis
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Degree in Clinical and Chemical Pathology

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LIST OF ABBREVIATIONS

Mg	Microgram.
Ul	Microliter.
%	Percentage.
Amplicon	Agiven PCR product or an amplification unit.
ASSUT	Ampicillin – Streptomycin – Sulfmethazole – Tetracycline.
BBSA	Blair brilliant-green-bismuth agar.
BMC	Bone marrow culture.
BPTS	Biochemical phenotypes
bp	Base pair.
CIE	Counter Immuno electrophoresis.
CL	Clonal line.
DCA	Deoxycholate-Citrate agar.
DNA	Deoxynucleic acid.
DSC	Doudenal string capsule.
DT	Different phage types
EDTA	Ethylenediamine tetraacetic acid.
ELISA	Enzyme Linked Immuno Sorbent Assay.
Em	Erythromycin.
Flg	Flagellin gene.
g	Gram.
h	hours.
HindIII	Haemophilus influenzae Rd.
IFAT	Immuno Flouresent Antibody Test.
Inc HI 1plasmid	Incompatibility plasmid.
IS	Insertion sequence.
Kb	1000 bases of RNA.
Kbp	Kilo base paris of DNA.
LPS	Lipopolysaccharide.
M13	Male specific bacteriophage.
M13 mp	M13 bacteriophage cloning vector.
MDR	Multiple drug resistant.

Md	Mega daltons.
MIO	Motility – indole – ornithine
MNC-P	Mononuclear cell - platelet
MoAbS	Monoclonal antibodies.
Mudd P22	Bacteriophage.
min	Minutes.
ml	Millilitre.
mM	Millimole.
Na Cl	Sodium cholride.
NST	Non specific type.
nm	Nanometer.
O.D.	Optical Density.
ORF	Open Reading Frame.
PAGE	Poly acrylamide gel electrophoresis.
PAT	IS200 finger printing pattern.
PCR	Polymerase Chain Reaction.
PFGE	Pulsed Field Gel Electrophoresis.
PH	Negative Log of hydrogen ion concentration.
PHA	Passive Haemagglutination Assay.
PhP	Phene Plate.
PNL	Polymorphonuclear leucocytes.
PS	Polysaccharide structure.
pSLT	Serotype-specific plasmid of Sal. typhi.
PTs	Phage types.
PstI	Providencia stuartii 164.
RAPD	Randomly amplified polymorphic DNA.
RF	Replicatingform.
RFLP	Restriction fragment length polymorphism.
RIA	Radio-Immuno Assay.
RNA	Ribonucleic acid.
RPHA	Reverse Passive Haemagglutination Assay.
R plasmid	Resistant plasmid.
RTS	Resisto types.

rRNA	Ribosomal ribonucleic acid.
rrl	Ribosomal RNA genes for the large subunit.
rrn	Ribosomal RNA gene.
SABs	Index of similarity among isolates.
SDS	Sodium Dodecyl Sulfate.
Spv	Salmonella plasmid virulence.
S-S agar	Salmonella- Shigella agar.
SSP	Serotype – specific plasmid.
ss.	Subspecies.
TAE	Tris / Acetate / EDTA buffer.
Ta	Annealing temperature.
TE	Tris / EDTA Buffer.
Tn	Transposon (Tn 10).
TSI	Triple sugar iron agar.
U.S.A.	United States of America.
UV	Ultra Violet.
ul	Microlitre.
XLD agar	Xylose Lysine Deoxycholate agar.

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INTRODUCTION