



شبكة المعلومات الجامعية

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شبكة المعلومات الجامعية



شبكة المعلومات 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 أية 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 %



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بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات

لم ترد بالأصل

BACTERIOLOGICAL STUDY OF DRINKING WATER IN QUALUBIA GOVERNORATE

Thesis

*Submitted in Partial Fulfillment for the Master Degree in
Microbiology and Immunology*

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1999

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
الْحَمْدُ لِلَّهِ الَّذِي
خَلَقَ السَّمَوَاتِ وَالْأَرْضَ
وَالَّذِي يُضَوِّبُ الْمَوْتِ
وَالَّذِي يُضَوِّبُ الْمَوْتِ
وَالَّذِي يُضَوِّبُ الْمَوْتِ

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LIST OF ABBREVIATIONS

ADA	Ampicillin-dextrin media
ADP	Adenosine diphosphate
AI medium	<i>Aeromonas hydrophila</i> medium
AMP	Adenosine monophosphate
APHA	American Public Health Association
ATP	Adenosine triphosphate
BSS	Balanced salt solution
CLED	Cysteine lactose electrolyte-deficient agar.
DCA	Deoxycholate citrate agar
DRCM	Differential reinforced clostridial medium
DW	Distilled water
E.A.E.C	Enteraggregative <i>E. coli</i> .
<i>E. coli</i>	<i>Eschirichia Coli</i>
E.H.E.C.	Enterohemorrhagic <i>E. coli</i> .
E.I.E.C.	Enteroinvasive <i>E. coli</i>
E.P.E.C.	Enteropathogenic <i>E. coli</i>
E.T.E.C.	Enterotoxogenic <i>E. coli</i> .
FC	Faecal coliform
FS	Faecal <i>streptococci</i>
Hep-2	Henle intestinal epithelial cells
HEPES	N-2 hydroxy ethylpiperazine-N-3-ethane sulphonic acid
IMVC	Indole, methyl red, Voges Proskauer, Citrate utilization
LPS	Lipopoly saccharids
LT	Labial toxin
MEM	Minimum essential medium
MF	Membrane filter
MPN	Most probable number
M.W.	Molecular weight
NAD	Nicotinamid adenine dinucleatid
N-CAM	Neural cell adhesion molecules.
PBS	Phosphate buffer saline
PMNs	Polymorphonuclear leukocytes
S & S	<i>Salmonella, Shigella</i> , agar
ST	Stable toxin
TC	Total coliform
T.C.B.S	Thiosulphate citrate bile salt sucrose agar
TSB	Trypticase soy broth
VT	Vero toxin
XLD	Xylose lysine deoxycholate agar.

LIST OF FIGURES

Fig. No.	Title	Page No.
1	Membrane filter apparatus for toxin separation.	76
2	Frequency of pollution in chlorinated water samples.	93
3	Frequency of pollution in underground water samples.	95
4	Pattern of pollution in chlorinated and underground water samples (typical).	99
5	Pattern of pollution in chlorinated and underground water samples (atypical)	100
6	Cytotoxic effect of <i>E. coli</i> strains filtrate in vero monolayer cells after 3 days of inoculation.	107

