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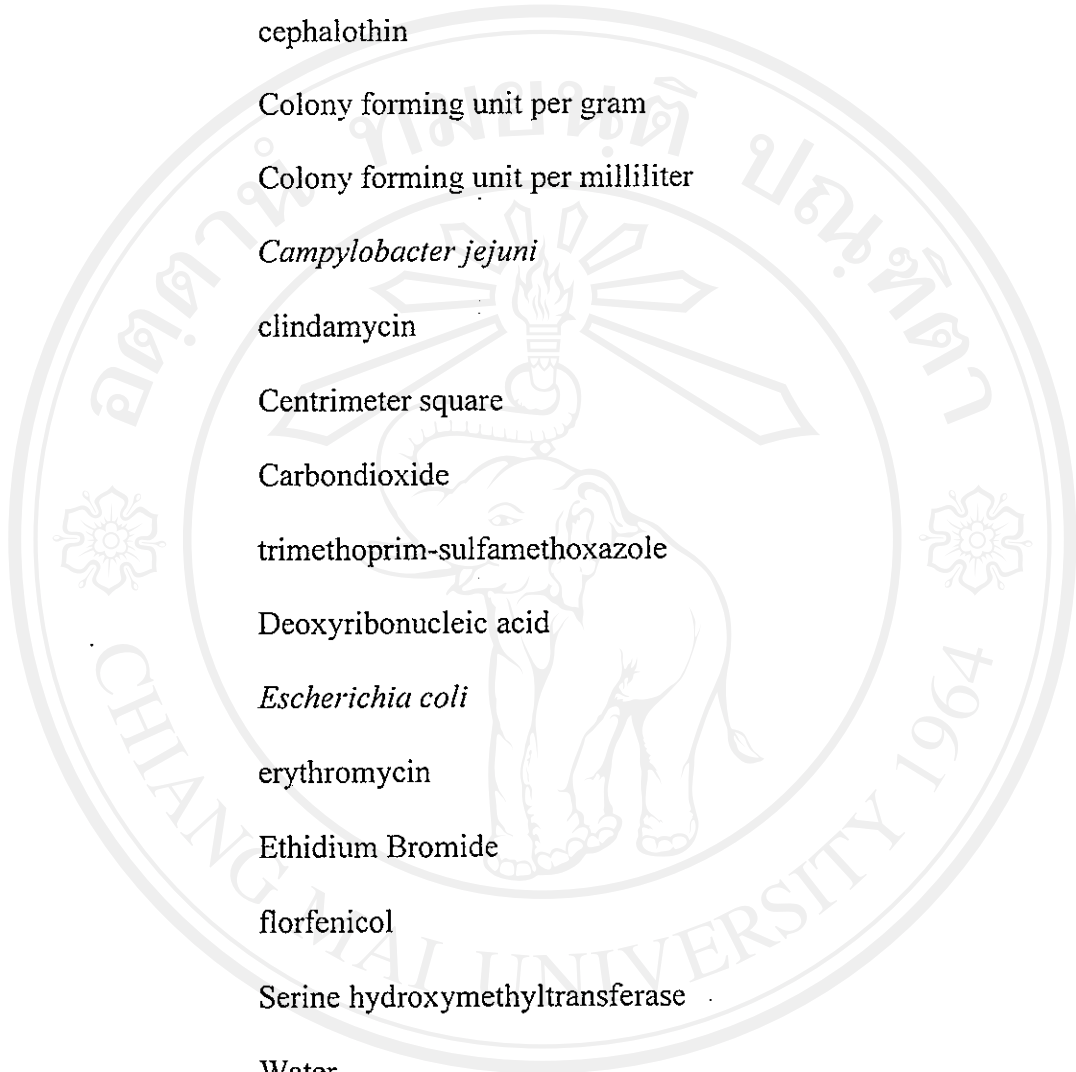
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ABBREVIATIONS AND SYMBOLS

%	Percentage
µg/ml	Microgram per milliliter
µl	Microliter
µm	Micrometer
µM	Micro Molar
[NH ₄] ₂ SO ₄	Ammonium sulfate
10X	Ten times concentration
1X	Working concentration
2 nd	Second
3 rd	Third
AIDS	Acquired Immunodeficiency Syndrome
AMP	ampicillin
BASB	Brucella agar supplemented with sheep blood
bp	Base pair
<i>C.coli</i>	<i>Campylobacter coli</i>
<i>C.concिसus</i>	<i>Campylobacter concisus</i>
<i>C.cryaerophila</i>	<i>Campylobacter cryaerophila</i>
<i>C.curvus</i>	<i>Campylobacter curvus</i>
<i>C.fetus</i>	<i>Campylobacter fetus</i>

<i>C.fetus subsp. fetus</i>	<i>Campylobacter subspecie fetus</i>
<i>C.fetus subsp. venearalis</i>	<i>Campylobacter fetus subspecie venerealis</i>
<i>C.hyointestinalis</i>	<i>Campylobacter hyointestinalis</i>
<i>C.jejuni</i>	<i>Campylobacter jejuni</i>
<i>C.jejuni subsp.doylei</i>	<i>Campylobacter jejuni subspecie doylei</i>
<i>C.lari</i>	<i>Campylobacter lari</i>
<i>C.laridis</i>	<i>Campylobacter laridis</i>
<i>C.mucosalis</i>	<i>Campylobacter mucosalis</i>
<i>C.rectus</i>	<i>Campylobacter rectus</i>
<i>C.sputorum</i>	<i>Campylobacter sputorum</i>
<i>C.sputorum biovar bubulus</i>	<i>Campylobacter sputorum biovar bubulus</i>
<i>C.sputorum biovar fecalis</i>	<i>Campylobacter sputorum biovar fecalis</i>
<i>C.upsaliensis</i>	<i>Campylobacter upsaliensis</i>
CC	<i>Campylobacter coli</i>
CDT	Cytolethal Distending Toxin

CEF	ceftiofur
CEP	cephalothin
Cfu/g	Colony forming unit per gram
Cfu/ml	Colony forming unit per milliliter
CJ	<i>Campylobacter jejuni</i>
CLI	clindamycin
cm ²	Centrimeter square
CO ₂	Carbondioxide
COT	trimethoprim-sulfamethoxazole
DNA	Deoxyribonucleic acid
<i>E.coli</i>	<i>Escherichia coli</i>
ERY	erythromycin
EtBr ₂	Ethidium Bromide
FLO	florfenicol
glyA	Serine hydroxymethyltransferase
H ₂ O	Water
H ₂ O ₂	Hydrogen per oxide
hipO	Hippuricase
HTM	Haemophilus Testing Medium
IgA	Immunoglobulin A



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IgG	Immunoglobulin G
IgM	Immunoglobulin M
KCl	Potassium chloride
KSA	Karmai agar
mg/L	Milligram per liter
MgCl ₂	Magnesium Chloride
MIC	The Minimum Inhibitory Concentration
min	Minutes
ml	Milliliter
mM	Milli Molar
N ₂	Nitrogen
NA	nalidixic acid
NaCl	Sodium chloride
NARMS	The US National Antimicrobial Resistance System
NCCLS	The US National Committee on Clinical Laboratory Standards
O ₂	Oxygen
°C	degree of Celsius
OR	Odd ratio

PCR	Polymerase Chain Reaction
PFGE	Pulsed field gel electrophoresis
Pg/PCR	Picogram per polymerase chain reaction
RFLP	Restriction Fragment Length Polymorphism
rpm	Revolutions per minute
sapB2	Surface layer protein
spp.	species
STR	streptomycin
TA buffer	Tris acetate buffer
TBE buffer	Tris borate EDTA buffer
TE buffer	Tris EDTA buffer
TET	Tetracycline
TSI agar	Triple Sugar Iron agar
U	Unit
U/L	Unit per liter
US	United States
<i>V.coli</i>	<i>Vibrio coli</i>
<i>V.fetus subsp. fetus</i>	<i>Vibrio fetus subspecies fetus</i>
<i>V.fetus subsp. intestinalis</i>	<i>Vibrio fetus subspecies intestinalis</i>

V.fetus subsp. venearalis *Vibrio fetus subspecie venerealis*
V.jejuni *Vibrio jejuni*
V.sputorum *Vibrio sputorum*



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