

LIST OF ABBREVIATIONS

AE	Elution buffer
AIDS	Acquired immuno deficiency syndrome
AL	Lysis buffer
ALT	Alanine transferase.
ASL	Stool Lysis buffer
AW1	Washer buffer one
AW2	Washer buffer two
B-lymphocyte	B lymphocyte
bp	base pair
C. parvum	Cryptosporidium parvum
Ca	Calcium.
CD4	Cluster of differentiation 4.
CF	Complement fixation
CIE	Counter immune electrophoresis
Cl	Chloride.
CWPs	Cyst wall proteins.
dATP	Deoxy adinine triphosphate
dCTP	deoxy cytosine triphosphate
dGTP	deoxy guanidine triphosphate
DNA	Deoxyribonucleic acid.
dNTPs	Deoxy nucleotide triphosphates
dTTP	deoxy thimidine triphosphate
E.coli	Eschrichia Coli
<i>E.histolytica</i>	<i>Entamoeba histolytica</i>
EIA	Enzyme immunoassay.
ELISA	Enzyme linked immunosorbent assay.
<i>G.agilis</i>	<i>Giardia agilis.</i>
<i>G.ardeae</i>	<i>Giardia ardeae.</i>
<i>G.lamblia</i>	<i>Giardia lamblia.</i>
<i>G.muris</i>	<i>Giardia muris.</i>
<i>G.psittaci</i>	<i>Giardia psittaci.</i>
<i>G.dudenaalis</i>	<i>Giardia dudenaalis</i>
<i>G. enterica</i>	<i>Giardia enterica</i>
<i>G.intestinalis</i>	<i>Giardia intestinalis</i>
Gm	Gram.
GSA	<i>Giardia</i> specific antigen.
HSP	Heat shock proteins.
IBS	Irritable bowel syndrome.
IFA	Indirect Immunofluorescence assay.
IFA	Immuno fluorescence antibody
IgA	Immunoglobulin A.
IgE	Immunoglobulin E.

IgG	Immunoglobulin G.
IgM	Immunoglobulin M.
IGS	Inter genic spacer
IHA	Indirect haem agglutination
IL- 6	Interleukin -6.
K	Potassium
Kb	Kilo base
Kcl	Potassium chloride
KDa	Kilodalton.
Max.	Maxium
Mg	Milligram.
Mg⁺²	Magnesium
Mgcl2	magnesium chloride
Min.	Minute
ml	Milliliter.
mM	milliMole
Mn⁺²	Manganese
mRNA	Messenger ribonucleic acid.
MZN	Modified Zeihl Nelson
NaCl	Sodium chloride.
NH4	Ammonia
NO	Nitric oxide.
No.	Number.
O&P	Ova and Parasite.
°C	Celis degree.
°F	Fahrenheit degree.
PCR	Polymerase chain reaction.
Pg	Picogram
pH	Hydrogen potential
Pm	Picomol
Preps.	Preparations
QPCR	Quantitative polymerase chain reaction
r.p.m	Round per minute.
RBCs	Red blood cells.
RFLP	Restriction Fragment Lengh Polymorphism
RNA	Ribonucleic acid.
ROC	Reciver operating characteristic curve
RT-PCR	Reverse transcriptase Polymerase chain reaction.
S.	Second
SG	Specific gravity
sIgA	Secretory Immunoglobulin A.
Spp.	Species
T-lymphocyte	T-lymphocyte.
Taq	Thermus aquaticus

Th2	T- helper lymphocyte 2.
Tm	Melting temperature
Tn	True negative
Tp	True positive
TYI-S	Trypticase yeast extract iron serum
U	Unit
USA	United States of America
VSPs	Variant surface proteins.
WBCs	White blood cells.
WHO	World Health Organization.
X²	Chisquare
Zn So₄	Zink sulphate
α1-giardine	Alfa 1-giardine.
+ve	Positive
-ve	Negative
μL	Microliter.
μM	Micrometer.

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