



Antimicrobial Resistance Pattern in *Escherichia coli* Causing Urinary Tract Infection in Humans

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**A thesis submitted in partial fulfillment of the requirements for the degree of
Masters in Public Health**

**One Health Institute
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June 2022

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This is to certify that we have examined the above Master's thesis and have found that is complete and satisfactory in all respects, and that all revisions required by the thesis examination committee have been made.

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LIST OF SYMBOLS AND ABBREVIATIONS

BMI	Body Mass Index
CFU	Colony forming units
etc	et cetera
ExPEC	Extra-intestinal pathogenic E. coli
Fig	Figure
i.e.	That is
MDR	Multi-Drug Resistance
Min	Minutes
N	Total number of samples
°C	Degree Celsius
Sec	Seconds
PCR	Polymerase chain reaction
UPEC	Uro-pathogenic Escherichia coli
UTI	Urinary tract infection
WHO	World Health Organization
%	Percentage
>	Greater than
<	Less than
μl	Micro liter