TABLE OF CONTENTS

Table of contents	V
List of Tables	VII
List of Figures	VII
Abbreviations	VIII

CHAPTER ONE

1. INTRODUCTION	1
1.1 Morphology & life cycle	3
1.2 Clinical manifestation	4
1.3 Pathophysiology	6
1.4 Pathogenesis & Virulence	8
1.5 Epidemiology	10
1.6 Treatment	13
1.7 Diagnosis	14
1.8 Statement of problem	16
1.9 Specific aims	18

CHAPTER TWO

2. Materials & Methods	20
2.1 Vaginal swabs	20
2.2 Examination of *T.vaginalis* by culture	21
2.3 DNA extraction	22
2.4 PCR	22
2.4.1 PCR primers	23
2.4.2 PCR procedure	23
2.5 Gel electrophoresis	24

CHAPTER THREE

3. Results	26

CHAPTER FOUR

4. Discussion 35
4.1 Conclusion & Recommendations 44

5. References 46

6. Annexes 52
6.1 Annex 1 52
6.2 Annex 2 53
6.3 Annex 3 54