

Evaluation of Effect of Minor Groove DNA- Binder on *Trichomonas vaginalis* in Vitro

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by

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[وَقُلْ رَبِّ زِدْنِي عِلْمًا]

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List of Abbreviations

°C	Degree Celsius.
AP	Adhesion proteins
A-T	Adenine-Thymine
ATCC	American type culture collection
ATP	Adenosine tri-phosphate
Ca⁺²	Calcium
CDC	Centers for disease control and prevention
CDF	Cell detaching factor.
CHO	Chinese hamster ovary
CPs	Cysteine proteinases
CV	Cell viability
DAPI	4',6-diamidino-2-phenylindole
DMEM	Dulbecco's modification of Eagle medium
DNA	Deoxy ribonucleic acid.
ELISA	Enzyme-linked immune sorbent assay
FBS	Fetal bovine serum
gm	Gram
µg	Microgram
G-C	Guanine Cytosine
Hb	Hemoglobin
Hcl	Hydrochloric acid
HEp-2	Human epithelial cells derived from a larynx carcinoma
HIV	Human immuno deficiency virus.

IC₅₀	The half maximum inhibitory concentration
IgA, G, M	Immunoglobulin A, G, M
IL-10	Interlukin-10
kDa	Kilodalton.
MDCK	Madine-Darby canine kidney
mg	Milligram
MGBs	Minor groove binders
MGT	Mean generation time
MIC	Minimal inhibitory concentration
ml	Milliliter
MLC	Minimal lethal concentration
MTT	3-[4,5-dimethylthiazol-2-yl]-2,5 diphenyltetrazolium bromide
μM	Micromolar
μm	Micrometer
PBS	Phosphate buffer saline.
PFOR	Pyruvate ferredoxin oxidoreductase
PFPs	pore-forming proteins
RBCs	Red blood cells
RK 13	Rabbit kidney tubule epithelial cells
RNA	Ribonucleic acid
rpm	Revolutions per minute.
SD	Standard deviation
SDS-PAGE	Sodium dodecyl sulphate 10% polyacrylamide gel electrophoresis
SEM	Scanning electron microscopy

STDs	Sexually transmitted diseases
STI	Sexually transmitted infection
TEMED	N, N, N, N tetramethylethylenediamine
TGF β	Transforming growth factor β
<i>T. vaginalis</i>	<i>Trichomonas vaginalis</i>
TvCP	<i>Trichomonas vaginalis</i> cysteine proteinase
TvLEGU1	<i>Trichomonas vaginalis</i> cysteine proteinase legumain-1
TvLG	<i>T. vaginalis</i> lipoglycan
TYM	Trypticase-yeast extract-maltose
VECs	Vaginal epithelial cells
VO	Viable organisms
WHO	World Health Organization

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