TABLE OF CONTENTS

LIST OF TABLES

LIST OF ILLUSTRATIONS

ABBREVIATIONS

%	Percent
°C	Degree Celsius
µg	Microgram
µl	Microliter
Abs	Absorbance
APS	Ammonium persulfate
BANA	α-N-Benzoyl-DL-Arginine-β-Naphthylamine
b-gelatin	biotinylated – gelatin
BSA	bovine serum albumin
cm	Centimeter
CV	Coefficient of variation
DMSO	dimethyl sulfoxide
EDTA	ethylenediamine tetraacetic acid
ELISA	Enzyme-linked immunosorbent assay
g	Gram
HPLC	High performance liquid chromatography
hrs	Hours
L	Liter
M	Molar
mg	Milligram
Min	Minute
ml	Milliliter

mM	Millimolar
MW	molecular weight
NA	p-Nitroaniline
NaCl	sodium chloride
ng	nanogram
OD	optical density
PMN	polymorphonuclear leukocytes
PMSF	Phenylmethyl sulfonyl fluoride
PPD	probing pocket depth
rpm	revolution per minute
SAAVNA	N-Succinyl-Ala-Ala-Val-Nitroaniline
SD	standard deviation
SDS-PAGE	sodium dodecyl sulfate-polyacrylamide gel electrophoresis
STI	Soybean trypsin inhibitor
TEMED	N, N, N, N, -tetramethyl ethylene-diamine
TNC	Tris-NaCl-$CaCl_2$
Tris-base	Tris (hydroxymethyl aminomethane)
U	Unit
UV	ultraviolet
W/V	weight by volume
yr.	year