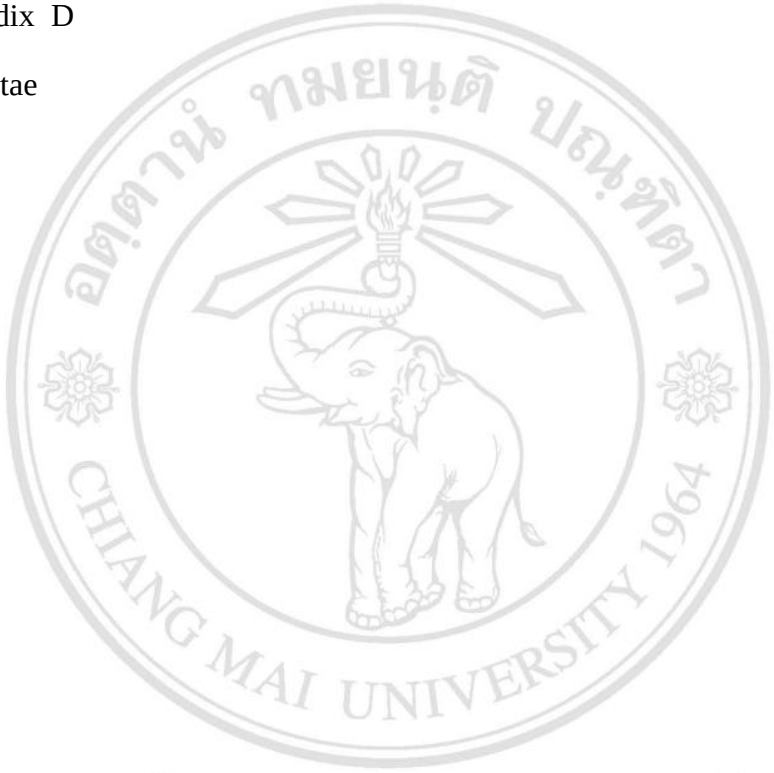
CONTENTS



LIST OF TABLES

LIST OF FIGURES

LIST OF ABBREVIATIONS

Abs	absorbance
bp	base pair
BSA	bovine serum albumin
^{o}C	degree Celsius
CO_2	carbon dioxide
DI	deionized water
DMEM	Dulbecco's Modified Eagle's Medium
DMSO	dimethyl sulfoxide
DNA	deoxyribonucleic acid
DW	distilled water
EDTA	ethylendiamine-N,N,N',N'-tetraacetic acid
EtOH	ethanol
FBS	fetal bovine serum
g	gram
g	gravity force
GABA	γ- amirobutyric acid
h	hour

HCl	hydrochloric acid
H_2O	water
HEPES	(4-(2-hydroxyethyl)-1-piperazineethaneulfonic acid)
KCl	potassium chloride
KH_2PO_4	potassium dihydrogen phosphate
L	liter
M	molarity
mg	milligram
$MgCl_2$	magnesium chloride
Min	minute
ml	milliliter
mM	millimolar
μg	microgram
μl	microliter
μM	micromolar
NaCl	sodium chloride
NaOH	sodium hydroxide
Na_2CO_3	sodium carbonate
Na_2HPO_4	disodium hydrogen phosphate
nm	nanometer

No	number
PBS	phosphate buffer saline
RT	room temperature
SDS	sodium dodecyl sulfate
UV	ultraviolet
V	voltage
%	percentage