

## LIST OF ABBREVIATIONS

<b>Abbreviation or symbol</b>	<b>Term</b>
°C	Degrees Celsius
A	Absorbance
Ab	Antibody (-ies)
ABTS	2, 2-azino-di (3-ethylbenzthiazoline) sulfonic acid
Ag	Antigen (s)
Ach	Acetylcholine
AchR	Acetylcholine receptor
Amu	Atom mass unit
β-ME	Beta-mercaptoethanol
Bp	Base pairs
BCIP	5-bromo-4-chloro-3-indoxyl-phosphate
BSA	Bovine serum albumin
cDNA	Complementary deoxyribonucleic acid
CDR(s)	Complementarity determining region (s)
CPD	Citrate phosphate dextrose
DDI	Double de-ionized distilled water
DNA	Deoxyribonucleic acid
DW	Distilled water
ED50	Median effective dose
ELISA	Enzyme-linked immunosorbent assay
Fab	Fragment antigen-binding
Fc	Fragment crystallizable (constant fragment)
FR1	Framework 1
g3p	Gene three protein of M13 phage
g8p	Gene eight protein of M13 phage
HAT medium	Hypoxanthine, aminopterin, and thymidine medium

## LIST OF ABBREVIATIONS (Cont.)

<b>Abbreviation or symbol</b>	<b>Term</b>
HRP	Horseradish peroxidase
HuScFv/ <i>huscFv</i>	Protein of human single chain-variable fragment/gene sequence
K <sup>+</sup>	Potassium
LD50	Median lethal dose
mA	Mili-Amperes
MAb	Monoclonal antibody (-ies)
MM plate	Minimum medium plate
Moi	Multiplicity of infection
mRNA	Messenger ribonucleic acid
<i>N.</i>	<i>Naja</i>
NC	Nitrocellulose
NRCT	National Research Council of Thailand
NSS	Normal saline solution
OD	Optical density (-ies)
dT <sub>18</sub>	Oligo dT
p3 or pII	Protein 3 of M13 phage
p8 or pVIII	Protein eight of M13 phage
PLA <sub>2</sub>	Phospholipase isoenzyme A2
PBMC	Peripheral blood mononuclear cells
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
PEG	Polyethylene glycol
pI	Isoelectric points
QSMI	Queen Saovabha Memorial Institute
RIA	Radioimmunoassay
RNA	Ribonucleic acid

## LIST OF ABBREVIATIONS (Cont.)

Abbreviation or symbol	Term
ScFv/ <i>scFv</i>	Protein of single chain-variable fragment/gene sequence
SDS-PAGE	Sodium dodecyl sulfate-polyacrylamide gel electrophoresis
TAE	20 mM Tris, 10 mM acetic acid, and 0.5 mM EDTA buffer, pH 8.3
U	Units
UDW	Ultra pure distilled water
VH/ <i>VH</i>	Variable region (sequence/segment) of immunoglobulin heavy chain protein/gene sequence
VL/ <i>VL</i>	Variable region (sequence/segment) of immunoglobulin light chain protein/gene sequence
V $\kappa$ / <i>V<math>\kappa</math></i>	Variable domain of immunoglobulin kappa light chain protein/gene sequence
VWF	von Willebrand factor
WB	Western blotting/Western blot analysis
WHO	World Health Organization