

คำอธิบายสัญลักษณ์และคำย่อที่ใช้ในการวิจัย

สัญลักษณ์

β	Beta
α	Alpha
μ, μ	Micro

คำย่อที่ใช้

WB, FWB	fresh whole blood เลือดครบจระเข้
WB-FD, FDWB, DWB	Freeze dried whole blood เลือดครบจระเข้แห้ง
S, FS	Fresh serum ซีรัมจระเข้
S-FD, FDS, DS	Freeze dried serum ซีรัมจระเข้แห้ง
FP, PE	Fresh plasma, Plasma from EDTA blood พลาสมา
PH	Plasma from Heparinized blood,
BH	Blood from Heparinized blood
DP	Freeze dried plasma พลาสมาแห้ง
BC	Blood cell ส่วนเม็ดเลือดจระเข้
EDTA	ethylenediaminetetraacetic acid
HIV-I	Human immunodeficiency virus type 1
WNV	West Nile virus
HSV-I	Herpes simplex virus type I
SDS-PAGE	SDS-Polyacrylamide Gel Electrophoresis
18G	18Gauge
$^{\circ}\text{C}$	Degree celcius
0.75% NaCl	normal saline, sodium chloride
IC50	The half maximal inhibitory concentration
TC50	ความเข้มข้นของซีรัมในการลดการรอดชีวิตลง 50%
Ig G	Immunoglobulin G
2DE	2-Dimentional electrophoresis
kDa, Da	Kilodalton, Dalton
pI	isoelectric point
pH	A measure of the acidity or alkalinity of a solution

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MIC	Minimal Inhibitory Concentration
MBC	Minimal bactericidal concentration
Ng	Nanogram
Ug, μ g, μ g	Microgram
Mg	Milligram
G	Gram
Nm	Nanometer
Mm	Millimeter
uL	Microliter
ML	Milliliter
DL	Deciliter
ATCC	American Type Culture Collection
FPLC	Fast Protein Liquid Chromatography
HPLC	High performance liquid chromatography
MS	mass spectrometry
MALDI-TOF MS	Matrix-assisted laser desorption/ionization–time of flight mass spectrometry
LC-MS MS	iquid chromatography-tandem mass spectrometry
MASCOT	a software search engine that uses mass spectrometry data to identify proteins from primary sequence databases
NCBI	National Center for Biotechnology Information
BLAST	Basic Local Alignment Search Tool
HCl	Hydrogen chloride
UV/ VIS	Ultraviolet/ Visible light
rpm	Round per minute
IEF	Isoelectric focusing
IPG	Immobilized pH-gradients
GTP	Guanosine-5'-triphosphate
CBB	Coomassie Brilliant Blue
GABA	Gamma-aminobutyric acid
Pb	สารตะกั่ว (Lead)
As	สารหนู (Arsenic)
IGF-1	Insulin like growth factor
RIA	Radioimmuno-assays
EIA	Enzyme Immunoassay

BUN	Blood Urea Nitrogen
ALT	Alanine transaminase
AST	aspartate aminotransferase
Hb	Hemoglobin
Hct	Hematocrit/ Pack cell volume
RBC	Red blood cell ปริมาณเม็ดเลือดแดง
WBC	White blood cell ปริมาณเม็ดเลือดขาว (WBC)
TCC	Thrombocyte count ปริมาณ thrombocyte
MCV	Mean corpuscular volume
MCH	Mean corpuscular hemoglobin
MCHC	Mean corpuscular hemoglobin concentration
ATCC	American Type Culture Collection
NaF	Sodium fluoride
DNA	Deoxyribonucleic acid
RP-HPLC	Reversed phase HPLC
MIC	Minimal Inhibitory Concentration
MBC	Minimal bactericidal concentration
MFC	Minimal fungicidal concentration
SE	Standard Error
Het	Heterophil
Lym	Lymphocyte
Mo	Monocyte
Ba	Basophil
Eo	Eosinophil
SRB	Sulphorhodamine B
PBS	Phosphate Buffer Saline
DMSO	Dimethyl sulfoxide
NaHCO ₃	Sodium bicarbonate
Na ₂ CO ₃	Sodium carbonate
DPPH	1,1-diphenyl-2-picrylhydrazyl
w/v	Weight by Volume
CO ₂	Carbondioxide
NCI	National Cancer Institute
HIV-1 PR	HIV-1 protease
AP	Alkaline phosphate
OD	Optical density

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BHT	Butylated hydroxytoluene
EtOH	Ethyl alcohol
FBS	fetal bovine serum
NO	Nitric Oxide
PNAG	Poly-N-acetyl glucosamine
MAPK, MEK-1	mitogen-activated protein kinase
NGF	nerve growth factor
MMP	mitochondria membrane potential
DMEM	Dulbecco's modified Eagle's medium
FBS	fetal bovine serum
BSA	Bovine serum albumin
ANOVA	Analysis of variance
NGF	nerve growth factor
MAPK	Mitogen-activated protein kinase
MEK-I	MEK is a member of the MAPK signaling cascade
MMP	mitochondria membrane potential
NMDA	N-Methyl-D-aspartic acid
PKB	Protein kinase B
ER	Endoplasmic Reticulum
TrkA	tyrosine kinase A
MTT	tetrazolium dye
EPG	Esterified Propoxylated Glycerol
FDA	Food and Drug Administration
CF	ใยอาหารจากพืชตระกูลส้ม
SPC	โปรตีนถั่วเหลืองเข้มข้น
kcal	Kilocalorie
FOS	ฟรคโตโอลิโกแซคคาไรด์
ACE	Angiotensin converting enzyme
RCBD	Randomized Completed Block Design
CRD	complete randomized design
LDPE	Low density polyethylene)