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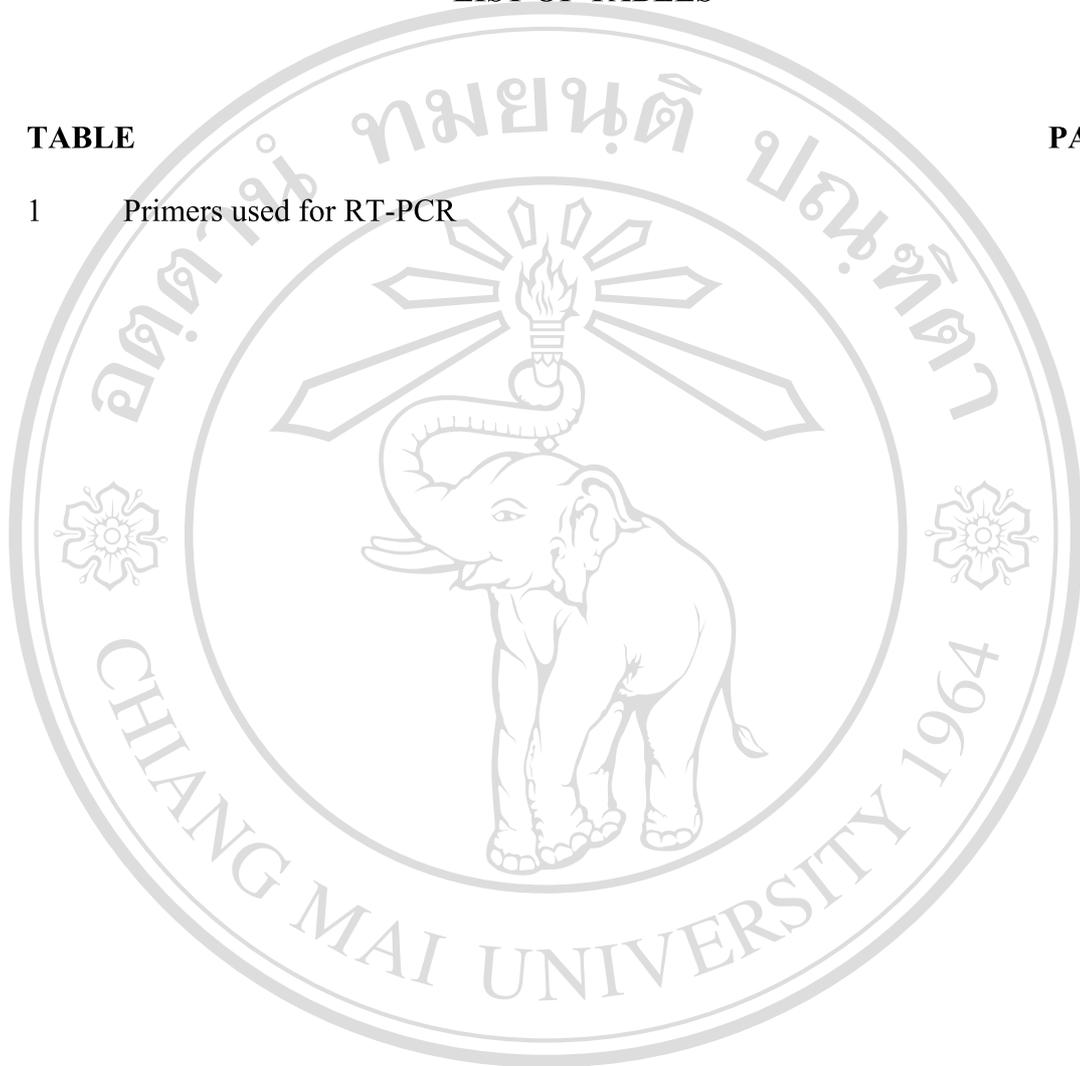
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ABBREVIATIONS

B-HABPs	biotinylated hyaluronan binding proteins
BSA	bovine serum albumin
CO ₂	carbon dioxide
COX	cyclooxygenase
DMARDs	disease-modifying anti-rheumatic drugs
DMEM	Dulbecco's modified Eagle medium
DMSO	dimethyl sulfoxide
ECM	extracellular matrix
ELISA	enzyme-linked immunosorbent assay
GAGs	glycosaminoglycans
GlcA	glucuronic acid
GlcNAc	<i>N</i> -acetylglucosamine
g	gram
HA	hyaluronan
HABPs	hyaluronan binding proteins
HAS	hyaluronan synthase
HEPES	<i>N</i> -2-hydroxyethylpiperazine- <i>N</i> -2-

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	ethanesulphonic acid
Hrs	hours
H ₂ SO ₄	sulfuric acid
IL-1 β	interleukine-1 beta
ICE	interleukine-1 converting enzyme
kDa	kilodaltons
kg	kilogram
L	liter
L-15	Leibovitz's <i>L-15</i> Media
LPS	lipopolysaccharide
M	molar
MAb	monoclonal antibody
MAPK	mitogen-activated protein kinase
mA	milliampare
mg	milligram
min	minute
ml	milliliter
mm	millimeter
mm ²	cubic millimeter
MMPs	matrix metalloproteinases
MTT	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
MW	molecular weight

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ng	nanogram
NF- κ B	nuclear factor kappa B
nm	nanometer
NSAIDs	non-steriod anti-inflammatory drugs
PBS	phosphate buffer saline
PG	proteoglycan
PGE ₂	prostagrandin E2
RA	rheumatoid arthritis
RNA	ribonucleic acid
RT-PCR	reverse transcriptase-polymerase chain reaction
SD	standard deviation
SF	synovial fibroblast
SW982	synovial fibroblast cell line
Tween-20	polyoxyethylene sorbitan monolaurate
TNF- α	tumor necrosis factor alpha
TLR-4	Toll-like receptor 4
V	voltage
w/v	weight by volume
w/w	weight by weight
%	percentage

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$^{\circ}\text{C}$

degree Celcius

μg

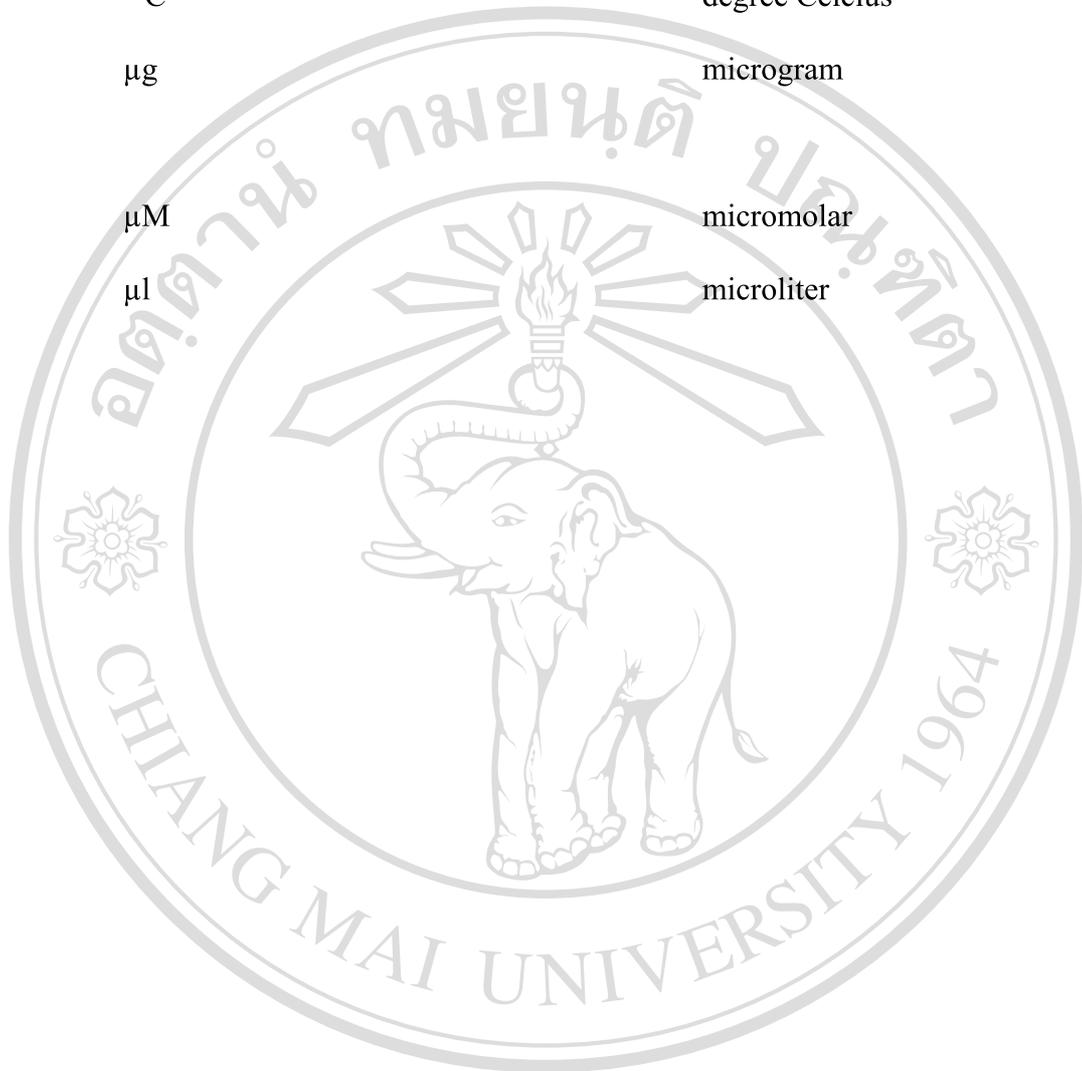
microgram

μM

micromolar

μl

microliter



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