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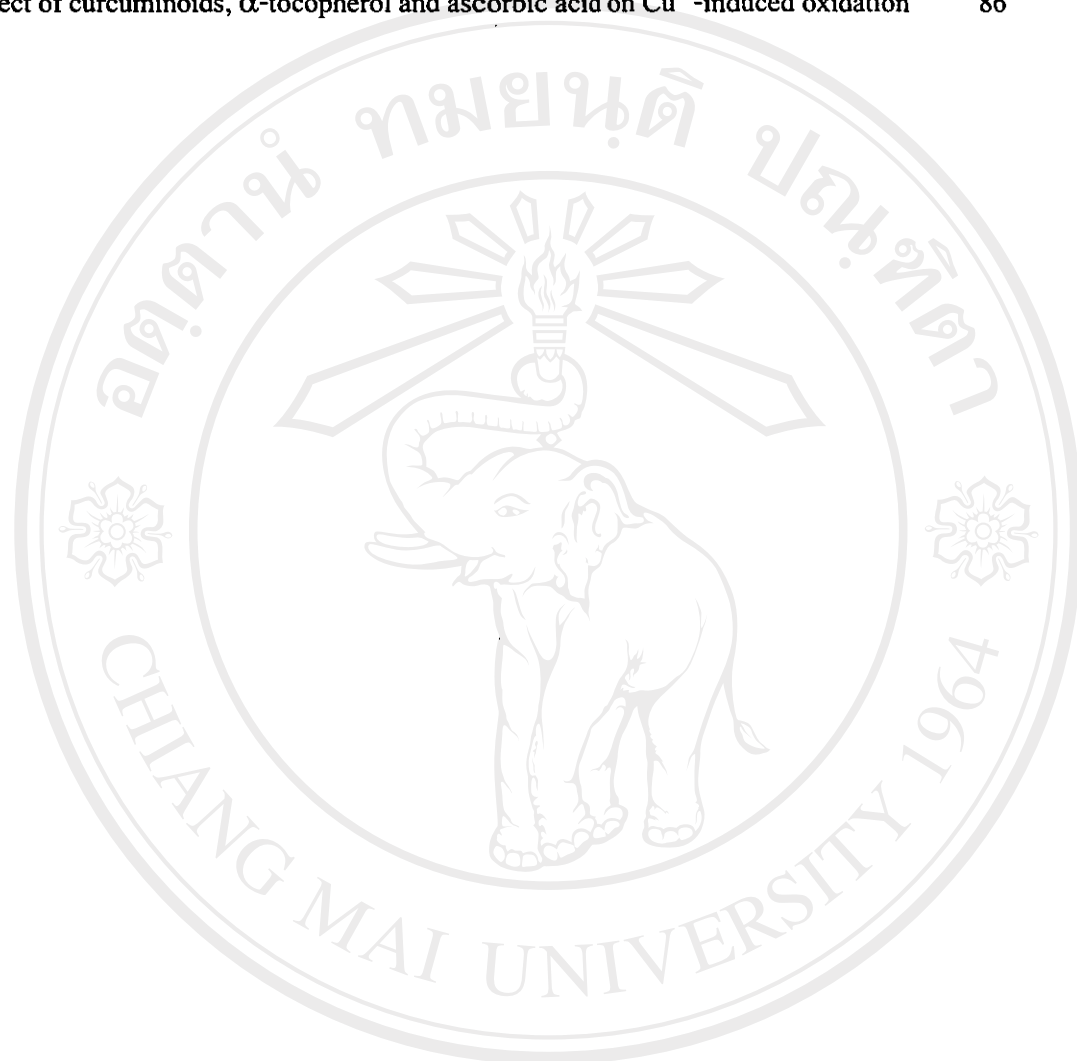
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ABBERRIATIONS

μg : Microgram

μL : Microlitre

μm : Micrometre

μM : Micromolar

AA : Ascorbic acid

ABTS : 2,2 - Azinobis-(3-ethylbenzothiazoline-6-sulphonic acid)

ACE : Angiotensin-converting enzyme

Ac-LDL : Acetylated LDL

Ang : Angiotensin

Ang II-LDL : Ang II-modified LDL

AOC : Alanine oxidation coefficient

Apo: Apolipoprotein

BHT: Butylated hydroxytoluene

BMI: Body mass index

BSA: Bovine serum albumin

CAD: Coronary artery disease

CD: Conjugated diene

CE: Cholesteryl ester

CETP: Cholesterol ester transport protein

CHD: Coronary heart disease

CM: Chylomicron

CO_2 : Carbon dioxide

COX: cyclo-oxygenase

Cur: Curcuminoids

CuSO_4 : Copper sulfate

Da: Dalton

Dcur: Demethoxycurcumin

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diH₂O: Distilled water

DMSO: Dimethyl sulfoxide

DNA: Deoxyribonucleic acid

EC: Endothelial cell

EDTA: Ethylene diamine tetraacetic acid

FBS: Fasting blood sugar

FC: Free (unesterified) cholesterol

FCS: Fetal calf serum

FDB: Familial defective apolipoprotein B-100

FGF: Fibroblast growth factor

g: Gram

g/dL: Gram per deciliter

GR: Glutathione reductase

GSH: Reduced glutathione

h: Hour

H₂O₂: Hydrogen peroxide

HDL: High density lipoprotein

HEPES: N-2-hydroxyethylpiperazine-N-2-ethanesulphonic acid

HL: Hepatic lipase

HMG-CoA: 3-hydroxy-3-methylglutaryl-coenzyme A

HOCl: Hypochlorous acid

HS: Heparan sulfate

IDL: Intermediate density lipoprotein

KBr: Potassium bromide

KCl: Potassium chloride

kDa: Kilodalton

KH₂PO₄: Dibasic potassium phosphate

LCAT: Lecithin-cholesterol acyltransferase

LDL: Low density lipoprotein

LO: Alkoxy radical

LO_2 : Peroxyl radical
 LOX: lipoxygenase
 LP: Lipid peroxidation
 LPL: Lipoprotein lipase
 MDA: Malondialdehyde
 MDA-LDL: Malondialdehyde-modified LDL
 MDM: Monocyte-derived macrophage
 Met Hb: Metmyoglobin
 mg: Milligram
 MI: Myocardial infarction
 min: Minute
 mL: Milliliter
 mM: Millimole
 Na_2CO_3 : Sodium carbonate
 Na_2HPO_4 : Monobasic sodium phosphate
 NaCl: Sodium chloride
 NaH_2PO_4 : Dibasic sodium phosphate
 NaHCO_3 : Sodium bicarbonate
 NaOH: Sodium hydroxide
 nm: Nanometer
 NO: Nitric oxide
 NSS: Normal saline solution
 $^1\text{O}_2$: Singlet oxygen
 $\text{O}_2^{\bullet-}$: Superoxide anion
 OD: Optical density
 OH^{\bullet} : Hydroxyl radical
 ox-LDL: Oxidized low density lipoprotein
 PBS: Phosphate buffered saline
 PDGF: Platelet-derived growth factor
 PL: Phospholipid

PMA: Phorbol myristate acetate
PUFA: Polyunsaturated fatty acids
PUFA- O[·]: Lipid alkoxyl radical
PUFA -OO[·]: Lipid peroxy radical
PUFA -OOH: Lipid hydroperoxide
ROS: Reactive oxygen species
rpm: Revolution per minute
R-S: Thiyl radical
SD: Standard deviation
SMC: Smooth muscle cell
SOD: Superoxide dismutase
SR: Scavenger-receptor
SR-A: Class A (collagen-like) scavenger receptors
TAC: Total antioxidant capacity
TBA: Thiobarbituric acid
TBARS: Thiobarbituric acid reactive substances
TCA: Trichloroacetic acid
TG: Triglyceride
TGF: Transforming growth factor
TNF-alpha: Tumor necrosis factor alpha
TRAP: Total peroxy radical trapping potential
VLDL: Very low density lipoprotein