



APPENDICES

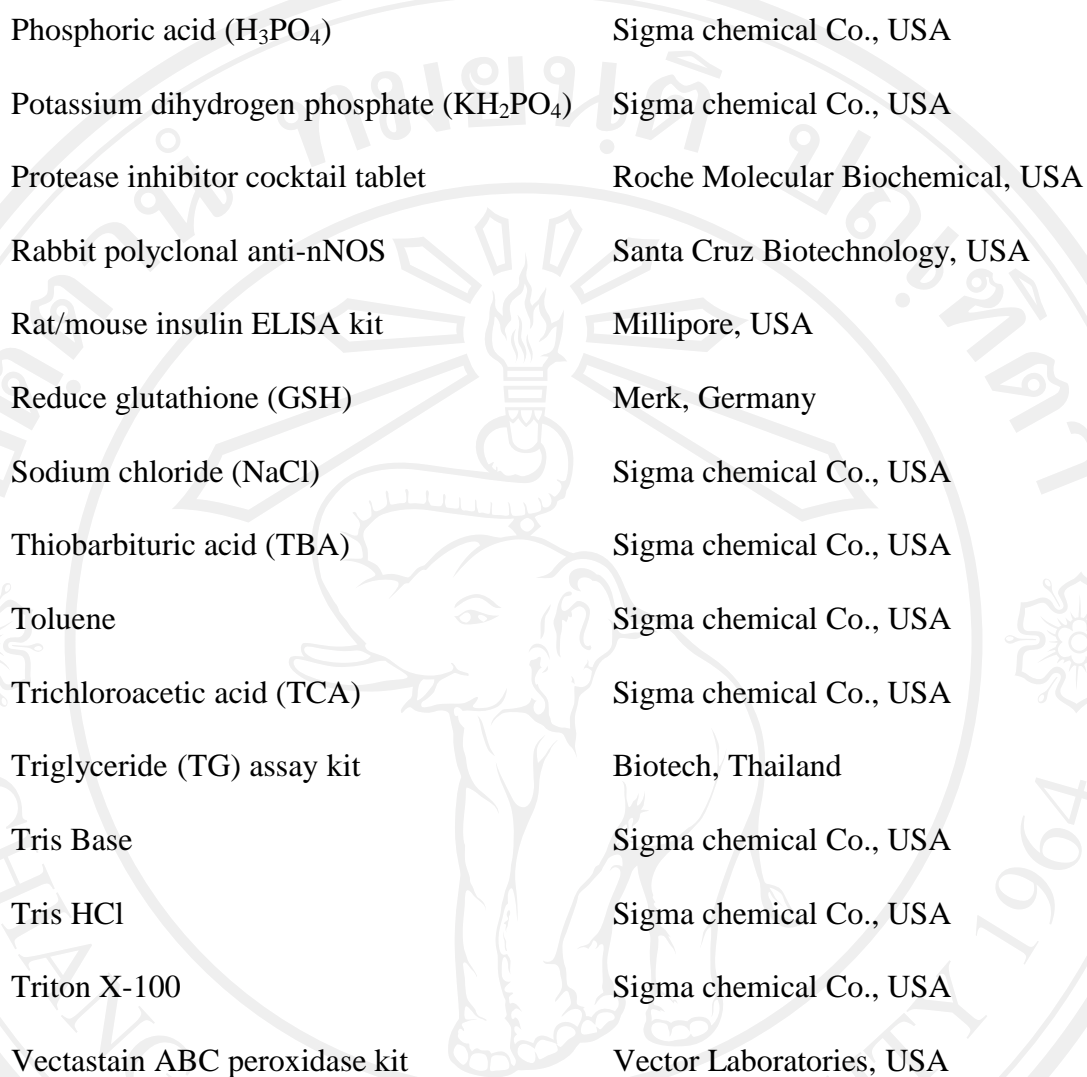
ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่

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APPENDIX A

List of the chemical and reagents used in this research

Chemicals/Reagents	Source
1, 1, 3, 3-tetramethoxypropane (TEP)	Sigma chemical Co., USA
Bovine serum albumin (BSA)	Sigma chemical Co., USA
Butyrate hydroxytoluene (BHT)	Sigma chemical Co., USA
Coomassie Brilliant Blue G-250 dye	Bio-Rad Laboratories Inc., USA
DAB Peroxidase Substrate Kit	Vector Laboratories, USA
DTNB (Ellman's Reagent)	Merk, Germany
Eosin	Sigma chemical Co., USA
Ethyl alcohol (ethanol)	Sigma chemical Co., USA
Ethylene diamine tetraacetic acid (EDTA)	Sigma chemical Co., USA
Ethylene glycol tetraacetic acid (EGTA)	Sigma chemical Co., USA
Free fatty acid (FFA) assay kit	Wako Pure Chemical, Japan
Glucose assay kit	Biotech, Thailand
Goat anti-rabbit IgG biotin conjugates	Sigma chemical Co., USA
Hematoxylin	Sigma chemical Co., USA
Methyl alcohol (methanol)	Sigma chemical Co., USA
Nonyl phenoxypolyethoxylethanol (NP-40)	Sigma chemical Co., USA
Normal goat serum (NGS)	Sigma chemical Co., USA
Permout	Fisher Scientific, USA



Phosphoric acid (H_3PO_4)	Sigma chemical Co., USA
Potassium dihydrogen phosphate (KH_2PO_4)	Sigma chemical Co., USA
Protease inhibitor cocktail tablet	Roche Molecular Biochemical, USA
Rabbit polyclonal anti-nNOS	Santa Cruz Biotechnology, USA
Rat/mouse insulin ELISA kit	Millipore, USA
Reduce glutathione (GSH)	Merk, Germany
Sodium chloride (NaCl)	Sigma chemical Co., USA
Thiobarbituric acid (TBA)	Sigma chemical Co., USA
Toluene	Sigma chemical Co., USA
Trichloroacetic acid (TCA)	Sigma chemical Co., USA
Triglyceride (TG) assay kit	Biotech, Thailand
Tris Base	Sigma chemical Co., USA
Tris HCl	Sigma chemical Co., USA
Triton X-100	Sigma chemical Co., USA
Vectastain ABC peroxidase kit	Vector Laboratories, USA

APPENDIX B

List of the equipments used in this research

Equipments	Source
0.45- μ m Syringe filter	Whatman International, UK
15 and 50 ml Test tube	Neptune, USA
24- and 96-well plate	Nunclon, Denmark
Automatic pipette	Gibthai, Thailand
Balance	Mettler-Toledo, USA
Centrifuge	Sigma chemical Co., USA
Computerized microscope system	Thai Microscopy Co., Thailand
Deionized-water manufacturing machine	Elga, England
Eyepiece micrometer	Olympus, Japan
HPLC system	Shimadzu, Japan
Light Microscope	Gibthai, Thailand
Microplate reader	BioTek Instrument, USA
PH meter	Gibthai, Thailand
Sliding Microtome	A. S. Science, Thailand
Spectrophotometer	Shimadzu, Japan
Vortex mixer	Wisemix, Korea
Water bath	Gibthai, Thailand
Homogenizer	Becthai, Thailand

CURRICULUM VITAE

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Presentation at national meetings

May 2011 The 21st National Graduate Research Conference,
Research for the Future, Rangsit University, Bangkok,
Thailand

Conference short paper and abstract

Lertteerawat P, Chattipakorn S, and Chattipakorn N. High-fat diet consumption promotes impairment of neuronal nitric oxide synthase expression in hippocampus of Wistar rats. Proceeding to the 21st National Graduate Research Conference, Research for the Future, Rangsit University, Bangkok, Thailand. 26 May 2011, p105.