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ACCh acetylcholine
ACTH adrenocorticotropic hormone
ADP (CDP), GDP, IDP, TDP
adenosine 5'-diphosphate (and similarly for cytidine, guanosine, uridine, thymidine)
AMP, etc. adenosine 5'-monophosphate, etc.
ANG I, II angiotensin I, II
ANGOA analysis of variance
ATP, etc. adenosine 5'-triphosphate, etc.
ATPase, etc. adenosine 5'-triphosphatase, etc.
AVP arginine vasopressin
BAPTA 1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid
BCECF 2',7'-bis(2-carboxyethyl)-5(6)-carboxyfluorescein
bp base pair(s)
BSA bovine serum albumin
CaM calmodulin
CaMK CaMK kinase
CaM kinase
CaM kinase
CaMP, etc. adenosine 3',5'-cyclic monophosphate, etc.
CCCP carbonyl cyanide m-chlorophenylhydrazon
Chol cholesteryl
cDNA complementary DNA
cGMP cyclic guanosine monophosphate (and similarly for cytidine, guanosine, etc.)
cGnR calcitonin gene-related peptide
CoA coenzyme A (also, acyl-CoA)
CoA, CoA-SH coenzyme A
CO2 partial O2 pressure or O2 tension (similarly, PCO2)
COS cDNA (also, acetyl-CoA)
CoA-ethyltransferase
CPT-carnitine palmitoyltransferase
CPT2 carnitine palmitoyltransferase
CPT1 carnitine palmitoyltransferase
CPT1, 2 carnitine palmitoyltransferase
CPT2 carnitine palmitoyltransferase
CPT1A carnitine palmitoyltransferase
CPT1A, 2A carnitine palmitoyltransferase
CPT1B carnitine palmitoyltransferase
CPT1B, 2B carnitine palmitoyltransferase
CPT1C carnitine palmitoyltransferase
CPT1, 2C carnitine palmitoyltransferase
CPT1D carnitine palmitoyltransferase
CPT1, 2D carnitine palmitoyltransferase
CPT1E carnitine palmitoyltransferase
CPT1, 2E carnitine palmitoyltransferase
CPT1F carnitine palmitoyltransferase
CPT1, 2F carnitine palmitoyltransferase
CPT1G carnitine palmitoyltransferase
CPT1, 2G carnitine palmitoyltransferase
CPT1H carnitine palmitoyltransferase
CPT1, 2H carnitine palmitoyltransferase
CPT1I carnitine palmitoyltransferase
CPT1, 2I carnitine palmitoyltransferase
CPT1J carnitine palmitoyltransferase
CPT1, 2J carnitine palmitoyltransferase
CPT1K carnitine palmitoyltransferase
CPT1, 2K carnitine palmitoyltransferase
CPT1L carnitine palmitoyltransferase
CPT1, 2L carnitine palmitoyltransferase
CPT1M carnitine palmitoyltransferase
CPT1, 2M carnitine palmitoyltransferase
CPT1N carnitine palmitoyltransferase
CPT1, 2N carnitine palmitoyltransferase
CPT1O carnitine palmitoyltransferase
CPT1, 2O carnitine palmitoyltransferase
CPT1P carnitine palmitoyltransferase
CPT1, 2P carnitine palmitoyltransferase
CPT1Q carnitine palmitoyltransferase
CPT1, 2Q carnitine palmitoyltransferase
CPT1R carnitine palmitoyltransferase
CPT1, 2R carnitine palmitoyltransferase
CPT1S carnitine palmitoyltransferase
CPT1, 2S carnitine palmitoyltransferase
CPT1T carnitine palmitoyltransferase
CPT1, 2T carnitine palmitoyltransferase
CPT1U carnitine palmitoyltransferase
CPT1, 2U carnitine palmitoyltransferase
CPT1V carnitine palmitoyltransferase
CPT1, 2V carnitine palmitoyltransferase
CPT1W carnitine palmitoyltransferase
CPT1, 2W carnitine palmitoyltransferase
CPT1X carnitine palmitoyltransferase
CPT1, 2X carnitine palmitoyltransferase
CPT1Y carnitine palmitoyltransferase
CPT1, 2Y carnitine palmitoyltransferase
CPT1Z carnitine palmitoyltransferase
CPT1, 2Z carnitine palmitoyltransferase
DIDS 4,4'-diisothiocyanato-stilbene-2,2'-disulfonic acid
DMEM Dulbecco’s modified Eagle’s medium
DMISO dimitri sulfonate
DNA deoxyribonucleic acid
DON deoxynucleosine
DOX doxorubicin
DOC deoxy corticosterone
DOCA deoxycorticosterone acetate
dpm disintegrations per minute
DTNB 5,5'-dithiobis(2-nitrobenzoic acid)
DPI dioxythiobenzoxide
DCE concentration giving half-maximal response
eCG electrocardiogram
ECM extracellular matrix
EDTA ethylenediaminetetraacetic acid
EGG electroencephalogram
EGF epidermal growth factor
EGTA ethylene glycol-bis(amide); ethane-1,1-diyldinitrilo)(1,1-diethylethanediyl)tetraacetate
ELISA enzyme-linked immunosorbent assay
EMS electromotive force
ERK extracellular signal-regulated kinase
FAD flavin adenine dinucleotide
FADH2 reduced flavin adenine dinucleotide
FBS, FCS fetal bovine/calf serum
FCP carbonyl cyanide-3-chlorophenylhydrazone
PFG fiber gel fraction
FTIC fluororescin isothiocyanate
FSH follicle-stimulating hormone
GABA gamma-aminobutyric acid (also, “GABAergic”)
GAP growth-associated protein
GAPDH glyceraldehyde-3-phosphate dehydrogenase
GC-MS gas chromatography-mass spectrometry
GDP/βS guanosine 5'-O-(β-thiodiphosphate)
GSH, GSSG reduced and oxidized glutathione
GTPs guanosine 5'-O-(3-thiotriphosphate)
GSK glycogen synthetase kinase
Hb hemoglobin
HBSS Hank’s balanced salt solution
Hct hematocrit
HDL high-density lipoprotein
HEPES N-2-hydroxyethylpiperazine-N'-2-ethanesulfonic acid
HETE hydroxycysstainea tricarboxonic acid
HPLC high-performance liquid chromatography
5-HT 5-hydroxytryptamine (serotonin)
IBMX 3-isobutyl-1-methylxanthine
IC50 concentration giving half-maximal inhibition
ICAM intercellular adhesion molecule
IFN interferon
IGF-I, II insulin-like growth factor I and II
IKK IkB kinase
IL-1 interleukin-1 (IL-2, etc.)