

CHEMICALS LIST August 2009 STOREY LAB
(see Peptide list on last page)

	COMPANY	LOCATION		
AABS	sigma	424s	agarose, hemoglobin	sigma 424f
acetaldehyde	aldrich	424Un2, 431fu	agarose, hexane ATP	P&L 424fre(#8)
acetic acid, glacial	caledon	424Un,438fu	agarose, hexane CoA	P&L 424fre(#8)
acetone	BioRad	431Fu	agarose, hexane NAD	P&L 424fre(#8)
acetonitrile	caledon	424Un2	agarose, histidine	sigma 424f
acetyl-s-acetacetyl-cysteamine, N-	sigma	424f	agarose, histone	sigma 424f
acetylglucosamine	sigma	424f	agarose, insulin	sigma 424f
acetylsalicylic acid	sigma	424s	agarose, NAD, β-	sigma 424fre(#8)
aconitase	sigma	431f	agarose, phenyl	sigma 431f
acrylamide	sigma, BioRad	424s, 438	agarose, phospho-L-serine, o-	sigma 424fre(#8)
			agarose, poly (glu,tyr)	sigma 424f, fre(#8)
			agarose, spermine	sigma 431f
			agarose, tresyl-activated	sigma 424f
			agarose, tyrosine, L-	sigma 424fre(#8)
acyl CoA synthetase	sigma	431f	alanine, beta-	sigma 424s
adenine	sigma	424s, ss	alanine, D-	sigma 424s
adenosine	sigma	431f	alanine, L-	sigma 424f, s
adenosine-5'-monophosphate (AMP)	sigma	424fre(#4,7)	alanopine	424s
adenosine-5'-diphosphate (ADP)	sigma, Boehringer	424fre(#4)	albumin, bovine (BSA)	sigma 424f
adenosine-5'-triphosphate (ATP)	sigma	424fre(#4)	albumin, bovine fatty acid free (BSA)	sigma 424f, 431f
adenosine-3,5-cyclic monophosphate (cAMP)	sigma	424fre(#5)	albumin, cross-linked bovine	sigma 424f
cAMP standard	mersham	424fre(#4)	albumin, egg	sigma 424f
cAMP tracer	mersham	424fre(#4)		
			alcohol dehydrogenase	sigma 424f, 431f
adenylyl3'-5'adenosin	boehringer	424fre(#4)	aldolase	pharmacia 431f
Affi-gel 601 (boronategel)	BioRad	424f	allose beta-D-	sigma 424s
AG-501x8 (ion exchanger)	BioRad	424s, ss	alumina	sigma 424ss
AG-50W x2 resin	BioRad	424ss	amanitin, α-	sigma 424fre
AG-50W x8 resin	BioRad	424ss	Amberlite IRA-400(Cl)	aldrich 424ss
agar	sigma	424s	Amberlite IR-120AR	polysciences 424ss
agarose	bioshop	431	amino-n-butyric acid, L-α-	sigma 424s
agarose, acetyl glucosamine	sigma	424f	aminoadipic acid	sigma 424f
			aminocaproyl-D-arginine	pierce 424f
agarose, active ester (Affi-gel)	BioRad	424f		
agarose, ADP	sigma	424f, fre(#8)	aminohexanoic acid	sigma 424f
agarose, alanine, L-	sigma	424f	N-(6-aminohexyl)-5-chloro-1-naphthalene sulfonamide	sigma 424fre(#3,7)
agarose, AMP	sigma	424fre(#8)		
agarose, aminobutyl	sigma	424f	aminoxy acetic acid	sigma 424s
agarose, amino caproic acid	sigma	424f	aminophylline	sigma 424fre(#3)
agarose, aminocaproyl glucosamine	P&L	424fre(#8)	ammonium acetate	sigma 424s
agarose, aminophenyl-glucopyranose	sigma	5btek	ammonium bicarbonate	sigma 424s
agarose, aminophenyl-manno			ammonium carbonate	aldrich 424s
-pyranoside	sigma	424f	ammonium chloride	mallinckrodt 424s
agarose, L-Arginine	sigma	424f	ammonium citrate	baker 424s
agarose, ATP	sigma	424fre(#8)	ammonium ferrous sulphate	BDH 424s
agarose, avidin	sigma	424fre(#8)		
agarose, beads	BioRaf	431f	ammonium hydroxide	anachemia 431Un
			ammonium molybdate	sigma 424s
agarose, blue dextran	sigma	424f agarose,	ammonium nitrate	fisher 424s
cibacron blue 3GA	sigma	424f	ammonium persulfate	sigma 424s
agarose, cAMP	sigma	424fre	ammonium sulfate	fisher 424s
agarose, concanavalin A	sigma	424f	ampholine pH 3.5-10	sigma 424f
agarose, epoxy-activated	sigma	424fre(#8)	ampholine pH 5-7	BioRad 424f
agarose, glutathione	sigma	424fre(#8)	ampholine pH 4-6.0	sigma 424f
agarose, glycine	sigma	424f	ampholine pH 5-8	sigma 424f
agarose, GTP	sigma	424f, fre(#8)	ampicillin	sigma 431f

amylase, α -	sigma	431f	BRIJ 58	sigma	424s
amyloglucosidase	sigma	424f, 431f	bromocresol green	sigma	424s
			bromphenol blue	sigma	424s
anilino-1-naphthalene sulfonic acid, 8-	sigma	424s	bromothymol blue	BDH, fisher	424s
anisomycin	calbiochem	424fre(#6)	BSA (see albumin)	sigma	424f
ANP 30 (frog)	peninsula labs	424f	Buffer PI (resuspension buffer)	qiagen	431f
anserine, L-	sigma	424s	sec-butyl alcohol	sigma	438fu
anthrone	baker	424s	butylated hydroxytoluene	sigma	424s
apoferritin	sigma	431f	butanedione monoxime	sigma	424s
aprotinin		424fr(#10)			
arabinose D-	sigma	424s			
arachidic acid ethyl ester	sigma	424fre(#5)	caffeine	sigma	424s
arachidonic acid		424fr(#10)	calcium chloride	fisher	424s
arginase	sigma	424f	calcium ionophore A23187	sigma	424fre(#5)
arginine kinase	sigma	431f	calmodulin	sigma	431f
			caproic acid, n-	sigma	424ss
arginine L	sigma	424f, s	caprylic acid	sigma	424ss
argininic acid	sigma	424ss	CAPS	calbiochem, sigma	424bs
arterenol	sigma	424fre(#3)	carbamyl-L-arginine, N-	sigma	424ss
ascorbic acid, L-	baker, sigma	424s			
asparagine, L-	sigma	424s	carbonic anhydrase I	sigma	424f
aspartic acid, L-	sigma	424s	carbonic anhydrase II	sigma	424f
atenolol	sigma	424fre(#3)	carboxypeptidase A	sigma	431f
atractyloside	sigma	424s	carnosine, L-	sigma	424fre(#5)
atropine	sigma	424fre (#3)	casein	sigma	424s, ss,
avidin		424fr(#8)	catalase	sigma, pharmacia	424f, fre,431f
			cellex-CM	BioRad	424ss
			cellex-E	BioRad	424ss
bacitracin	sigma	424f	cellex-P	BioRad	424ss
barium hydroxide 8-hydrate	baker	424s	cellex-T	BioRad	424ss
BCIP, AP color development reagent	BioRad	424f			
beheric acid	sigma	424ss	cellulose	aldrich	424s
benzotriazole	aldrich	424s	cellulose, CM	whatman	424ss
benzoylaminovaleric acid	sigma	424ss	cellulose, DEAE	sigma	424ss
benzylhydrazine	sigma	424fre(#3)	cellulose phosphate	sigma	424ss
benzylhydroxylamine, o-	sigma	424fre(#3)	CHAPS	sigma	424bs
betaine	sigma	424s	charcoal	sigma	424s
bicine	calbiochem	424bs	CHES	sigma	424bs
biocryl BPA-1000	supelco	424ss	chitin beads	biolabs	424f
			chitopearl	fuji spinning	424ss
biocryl BPA-1050	supelco	424ss	chloramphenicol	sigma	424s
biocryl BPA-2100	supelco	424ss	chloro-2,4-dinitrobenzene, 1-	sigma	424s
biogel A-1.5m	BioRad	431f			
biogel P-2	BioRad	424ss	chloroform	caledon	424fu,Un
biogel P-4	BioRad	424ss	chymotrypsinogen A	pharmacia	431f
biogel P-6	BioRad	424ss	cibarcron, blue	sigma	424s
biogel P-100	BioRad	424ss			
Bio-Lyte 5/7 (carrier ampholyte)	BioRad	424f	CircleGrow	Bio101	424ss
BioRad protein reagent	BioRad	503f	citrate lyase, enterobacter	sigma	431f
bis-tris propane	sigma	424bs	citrate synthase	sigma	431f
blue dextran 2000	pharmacia	424s,431f	citrate, tripotassium	BDH	424s
			citric acid	sigma	424s
blue stain reagent	pierce	431f	citric acid monohydrate	baker	424s
bolieezers	fisher	424s	citruiline, L-	sigma	424s
boric acid	sigma	424s, ss	cobalt(ous) acetate	sigma	424s
bretylium tosylate	RBI	424fre(#3)	colchicine	aldrich	424fre(#3)
BRIJ 35 sol'n (30% w/v)	sigma, fisher	424s	collagenase, type 2	sigma	431f
BRIJ 56	sigma	424s	concavalin A	sigma	431f

Coomassie brilliant blue R	sigma	424s			
p-coumaric acid	fluka	424s			
CPSR-3	sigma	424fre			
creatine	sigma	424s, ss		edrophonium chloride	sigma 424s
creatine phosphate	boehringer	424fre(#1)		EDTA (ethylenediaminetetraacetic acid)	sigma 424s
creatine phosphokinase	sigma	424fre(#5)		EGTA	sigma 424s
creatinine	sigma	424s		endoproteinase Asp-N	boehringer 424f
cumene hydroperoxide	sigma	431f		endothall	calbiochem 424fre(#6)
cupric nitrate	baker	424s		enolase	sigma 431f
cupric sulphate	BDH	424s, ss		ephedrine	sigma 424fre(#3)
				epinephrine	sigma 424fre(#3)
				Eriochrome black T	sigma 424bs
cyanogen bromide	sigma	424f		ethane-dithiol, 1,2-	sigma 424fu
cycloserine, D-	sigma	424fre(#3)		ethanol, 95%	comm.alcohols 431, 438
cypermethrin	calbiochem	424fre(#6)		ethyl acetate	aldrich 424Un2
cysteine L	sigma	424s		ethylene glycol	sigma 424s, Un2
cytidine-5'-monophosphate (CMP)	sigma	424fre(#4)		N-ethylmaleimide	sigma 503f
cytidine-5'-diphosphate (CDP)	sigma	424fre(#4)			
cytidine-5'-triphosphate (CTP)	sigma	424fre(#4)			
cytochrome-C, horse heart	sigma	424fr, 431f		fenvalerate	calbiochem 424fre(#6)
				ferric chloride	baker 424s
				ferritin	pharmacia 431f
				ferrous sulphate	analR 424s
dalton mark VI	sigma	424f		ficoll 400	sigma 424s, ss
DCIP		424s		ficoll 70	pharmacia 424s
deltamethrin	calbiochem	424fre(#6)		florisil	fisher 424s, ss
deoxyadenosine monophosphate		424fr(#4)		folin	sigma 424s
deoxy-D-glucose, 2-	sigma	424s		formamide	fisher 424, 431
deoxycholic acid Na salt	anachemia	424s		formaldehyde solution	analR 431fu
deoxyguanosine 5'-diphosphate, 2'-	sigma	424fre(#4)		forskolin	sigma 424fre(#3)
deoxyribonucleic acid	ICN	431f			
DNAase		505fr			
DNA mol mass markers		424fr		fructose D-	baker 424s, ss
DNA polymerase		505fr		fructose-1-phosphate (F1P)	sigma 424fre(#1)
dNTPs		505fr		fructose-6-phosphate (F6P)	sigma 424fre(#1)
deuterium oxide	CDN isotopes	424fre(#5)		fructose-1,6-diphosphate (F1,6P₂)	sigma 424fre
dextran T 70	pharmacia	424ss		fructose-1,6-diphosphatase	boehringer, sigma 424fre, 431f
dextrose (=glucose)	baker	424s		fructose-2,6-diphosphate (F2,6P₂)	sigma 424fre(#1)
				fructose-6-phosphate kinase (PFK)	sigma 424fre(#5)
				fumaric acid	sigma 424s
dibutyl cAMP	sigma	424f		furosemide	sigma 424s
dibutyl (dbcGMP)	sigma	424fre(#5)			
dichlorophenol indophenol 2,6-	sigma	424s		galactose	sigma 424s
diethylpyrocarbonate (DEPC)	sigma	424f		gelatin	BBL 424s
dihydroxyacetone phosphate	sigma	424fre		glass beads	sigma 424s
dihydroxyacetone	sigma	424fre(#1), 431f		glucagon	sigma 424fre(#3)
dihydroxyphenylacetic acid 3,4	sigma	424fre(#3)		glucopyranoside, methyl-β-D	424s
N,N dimethyl formamide	BDH	438fu		glucosamine	sigma 424s
dimethyl sulfoxide	caledon	424, 431		glucose (=dextrose)	sigma 424s
dinitrophenylhydrazine, 2,4-	sigma	424s		glucose-1-phosphate (G1P)	sigma 424fre(#1)
dioctanoyl-rac-glycerol, 1,2-	sigma	424fre(#5)		glucose-6-phosphate (G6P)	sigma 424fre(#1)
dioctanoyl-sn-glycerol, 1,2-	sigma	424fre(#3)		glucose 1,6 diphosphate (G1,6P₂)	sigma 424fre(#1)
diphenylamine	sigma	424s		glucose-6-P dehydrogenase	sigma 431f
dithiobisnitrobenzoic acid	sigma	424s		glucuronic acid	sigma 424s
dithiobisnitrobenzoic acid 5,5	sigma	424s, 431f		glutamate dehydrogenase	sigma 431f
dithiothreitol	sigma	424f		glutamate pyruvate transaminase	boehringer 431f
Dowex 1-x2	BioRad	424ss		glutamic acid, L-	sigma 424s,f
Dowex 1-x8	BioRad	424ss		glutamic-oxaloacetic transaminase	sigma 431f
Dowex -2	sigma	424ss			
Dowex 50Wx2 -100	aldrich	424ss, f			

glutamic-pyruvic transaminase	sigma	431f	hydroxyapatite	BioRad	424ss
glutamine, L	sigma	424s	hydroxyethyl glycucibicine	calbcochem	424bs
glutamine synthetase	sigma	431f	hydroxyquinoline	sigma	424s
glutathione, oxidized	sigma	424f	hydroxytryptamine, 5-	sigma	424fre(#3)
glutathione, reduced	sigma	424f			
glutathione transferase	sigma	431f			
			IEF Mix	sigma	424f
gly-gly	sigma	424s	IGEPAL	sigma	424s
glyceraldehyde D-	sigma	424s	imidazole	sigma	424bs
glyceraldehyde-3-phosphate	sigma, boehringer	424fre(#1,6)	iminodiacetic acid	sigma	424s
glyceraldehyde-3-P dehydrogenase	sigma	431f	imipramine	sigma	424fre(#3)
glycerat-2-phosphate	boehringer	424fre	indomethacin	sigma	424fre(#3), s
glycerat-3-phosphate	boehringer	424fre(#1)	inosine	sigma	424fre(#4)
glycerat-2,3-diphosphate	boehringer	424fre(#1)	inosine-5'-monophosphate (IMP)	sigma	424fre(#4)
glycerin dehydrogenase	boehringer	431f	inosine-5'-diphosphate (IDP)	sigma	424fre(#4)
glycerokinase	boehringer	431f	inosine-5'-triphosphate (ITP)	sigma	424fre(#4)
glycerol	caledon	424s, ss	insulin	sigma	424f, fre(#3)
			inulin	sigma	424s
glycerophosphate dehydrogenase	sigma	431f	iodoacetamide	sigma, aldrich	424fre
glycerophosphate, β-	sigma, aldrich	424f			
glycerophosphate, DL-alpha-	sigma	424f	iodine	analaR	424s
glyceryl, controlled pore glass	sigma	424ss	4-iodophenylbronic acid	sigma	424f
glycine	sigma	424s	IP3	sigma	424fre(#5)
glycylglycine	sigma	424s	isoamyl alcohol	sima	431fu, 438fu
glyoxalase 1	sigma	431f	isobutyl-1-methyl xanthine, 3-	sigma	424fre(#5)
guaiacol	sigma	424s	isocitric acid	sigma	424f
guanidine hydrochloride	boehringer	424s	isocitric dehydrogenase	sigma	431f
guanidoacetic acid	sigma	424ss	isopropyl β-D-thiogalactopyranoside	sigma	424f
			isoproterenol	sigma	424fre(#3)
guanosine 5'diphosphate (GDP)	sigma	424fre(#4)	isoquinolinylsulfonyl methylpiperazine	sigma	424fre
guanosine 5' triphosphate (GTP)	sigma	424fre(#4)			
guanosine 3'5'cyclic monophosphate (cGMP)	sigma		kanamycin	sigma	431f
		424fre(#4)	ketanserine, (+)-tartrate	RBI	424fre(#3)
cGMP standard	mersham	424fre	ketoglutaric acid	sigma	424f
cGMP tracer	mersham	424fre			
guanosine 5-O-(3-thiotriphosphate)	sigma	424fre(#5)	lactate	sigma	424f
guanylylimidodiphosphate, 5'-	sigma	424fre(#3)	lactic dehydrogenase, D	sigma	431f
gum arabic	sigma	424s	lactic dehydrogenase, L (heart)	sigma	431f
			lactic dehydrogenase, L (muscle)	sigma	431f
H-8, dihydrochloride	RBI	424fre(#3)	lactoglobulin, β-, bovine milk	sigma	431f
H-9, dihydrochloride	RBI	424fre(#5)	lactose	sigma	424s
hemocyanin, cross-linked	sigma	431f	lactalbumin, α-	sigma	431f
hemoglobin	sigma	424f	lauroyl sarcosine, N-	sigma	431f
hemoglobin type 1	sigma	431f	lauryl sulfate	sigma	424s, 431
heparin	sigma	424f, fre(#3), 438f, 503f	leucine, L	sigma	424s
heparin, cross linked to beads	sigma	424f	leupeptin	sigma	424f
HEPES [hydroxyethylpeperazinw ethano-]	sigma	424bs			
hexanes	caledon	424Un2	linoleic acid		424fr(#10)
hexokinase	sigma	431f	linolenic acid		424fr(#10)
histidine, L-	sigma	424s	lipase TG B grade		431f
histone	sigma	424f, fre(#2)	Lipidex	UTP	424ss
			Lipidex 5000	UTP	424s, 431f
hydrazine sulfate	baker	424s	lipoamide dehydrogenase	sigma	431f
hydrobromic acid	baker	424fy	lithium acetate	anachemia	424s
hydrobutyric acid	sigma	424f	lithium chloride	fisher	424s
hydrochloric acid	anachemia	424fu	lithium hydroxide	BDH	424s
hydrogen peroxide	caledon	424f	liver acetone powder, pidgeon	sigma	424fre(#5)

lubrol wx	sigma	424s	myo-inositol-trisphosphate, D-	sigma	424fre
luminol	fluka	424f	myokinase	sigma	431f
lyphogel	gelman	424s	myricetin	sigma	424f
lypoamide	sigma	431f	myristic acid palmityl ester	sigma	431f
lysine, L-	NBC	424s, f			
lysopine, D-		424f			
lysozyme	sigma	431f 424f, fre,	NAD, β	sigma, bioshop	424fre(#4,7)
			NAD, β reduced form	sigma	424f
magnesium acetate	analaR	424s	NADP, β reduced form	sigma	424fre(#4,7)
magnesium chloride	BDH	424s	NADP, β-	bioshop	424fre(#4,7)
magnesium chloride solution		505fr	naloxone HCl	Res. Bioch	424fre(#3)
magnesium sulfate	fisher	424s	NCS [tissue stabilizer]	Amarsham	431fu
malachite greene base	sigma	424s	nitro-L- arginine methyl ester	sigma	424fre(#3)
maleic acid	sigma	424s	nitrilotriacetic acid	sigma	424s
malic acid	sigma	424s	niacinimide	sigma	424ss
malic dehydrogenase	sigma	431f	nile blue A	sigma	424s
malonic acid	fisher	424s	nitric acid	anachemia	424fu
maltose	sigma	424s	nitroalanine, P-	sigma	424s
manganese sulfate	anachemia	424s	nitroblue tetrazolium (NBT)	sigma	431f
manganous chloride	baker	424s	nitrophenylphosphate p-	sigma	424fre
manganous sulfate	fisher	424s	nucleoside phosphorylase	sigma	431f
mannitol	fisher	424s			
mannose	sigma	424s			
Markers for IEF pH range 3.6-9.3	sigma	424f	octopamine, DL-	sigma	424fre(#3)\
Matrex gel, blue B		424f	octopine	sigma	424f
Matrex gel, control		424f	octopine dehydrogenase	sigma	431f
Matrex gel, green		424f	oil, mechanical vacuum pump	Edwards	424Un
Matrex gel, orange A		424f	okadaic acid	calbiochem, upstate	424fre(#6)
Matrex gel, red A		424f	oleic acid		424fr(#10)
melanocyte stim. hormone	sigma	424fre(#3)	OptiPrep	BioLynx	424ss
mercaptoethanol, 2-	sigma	424fu, 438fu	ornithine	sigma	424s
mercapto succinic acid	sigma	424s	ornithine carbamyltransferase	sigma	424fre,431f
MES	sigma	424bs	ouabain	sigma	424s
Methanol	anachemia	424, 438	ovalbumin	pharmacia	432f
methanolic HCl	supelco	431f	oxaloacetic acid	sigma	424f
methyl-L-arginine	sigma	424fre(#3)	oxamic acid	sigma	424s
			oxirane acrylic beads	sigma	424f
methyl green	sigma	424s			
methyl-3-amino propane sulfonic acid	calbiochem	424bs	palmitic acid	sigma	424s
α-methyl-p-tyrosine		424fr(#7)	parinaric acid, cis-	molecular probes	424fre(#2)
methyl red	sigma	424f	pepsin	sigma	431f
Methylene bis acrylamide	sigma	424s	pepstatin A		424fr(#10)
methylene blue	sigma	424s	perchloric acid (PCA)	anachemia	424Un
microcystin-LR	Gibco BRL	424fre(#6)	peroxidase	sigma	431f
milk powder, skim		424ss, 438	petrolatum	fisher	424ss
mineral oil	aldrich	424s	pharmalyte	pharmacia	424f
minimal SD base	clontech	424ss	phenol (crystals)	Life Tech.	431fu
			phenol, buffer saturated	Gibco BRL	424Un
minimum essential medium	sigma	431f	phenol liquefied	baker	424Un,431fu
mixed bed resin	sigma	424s	phenolphthalein		424s
molecular weight markers, protein	sigma	431f	phenol red	sigma	424s
molecular mass markers, RNA/DNA		424fr	Phenol TRI reagent (RNA extraction)	MRC	424f
MOPS	sigma	424bs			
MS-222	sigma	424s	phentolamine mesylate	RBI	424fre(#3)
Murexide	sigma	424bs	phenylalanine, L	sigma	424s
myelin basic protein	sigma	424fre(#2)	phenylephrine	sigma	424fre(#3)
myoglobin	sigma	424f	PMSF (phenylmethylsulfonyl fluoride)	bioshop	424s

phorbol 12-myristate 13-acetate	sigma	424fr	propane sulfonic acid	calbiochem	424ss
phosphatase, acid	sigma	424fre(#6),f, 438f	propanediol 1,2-	anachemia	424Un
phosphatase, alkaline	boehringer	424f, 431f	2-propanol	fisher	fu-424,438, 431
phosphatase substrate [PMP]	sigma	424fre(#6)	propionic acid	sigma	424s
Phosphate, potassium dibase	sigma	424bs	propranolol-HCl, DL	sigma	424fre(#3)
Phosphate, potassium monobase	sigma	424bs	protamine chloride	sigma	424fre(#2)
Phosphate, sodium dibase	sigma	424bs			
Phosphate, sodium monobase	sigma	424bs			
phosphatidyl-L-serine, L-alpha	sigma	424fre(#5)	protein A, insolubilized	sigma	431f
phosphocreatine	sigma	424f	proteinase K	sigma	424fre(#9), 431f
phosphodiesterase cyclic nucleotide-activator	sigma	424fre	protein kinase C substrate	calbiochem	424fre
phosphoenolpyruvate (PEP)	sigma	424fre(#1)	protein kinase A, cAMP dependent	sigma	424fre(#5, 2)
phosphogluconic acid, 6-	sigma	424f	protein kinase A inhibitor 5-24	sigma	424s
			protein phosphatase I	sigma, boehringer	424fre(#6)
phosphoglucose isomerase	boehringer	431f	purine	sigma	424ss
phosphogluco mutase	boehringer	431f	pyridoxal 5-phosphate	sigma	424fre
phosphoglycerate kinase, 3-	boehringer	431f	pyronine		424s
phosphoglycerate mutase	sigma	431f	pyruvate	baker, sigma	424s,f
phosphoglyceric acid, D-3-	sigma	431fre(#1)	pyruvate kinase	sigma	431f
phosphomannose isomerase	sigma	431f			
phosphoric acid, 99%	anachemia	424fu	reserpine	RBI	424fre(#3)
phosphoric acid, ortho, 85%		424fu	resin, 50w-x2	BioRad	424ss
phosphorylase <i>a</i>	sigma	424fre (#6)	resin, 50w-x8	BioRad	424ss
phosphorylase <i>b</i>	sigma	424f, fre(#6), 438f	rhamnose	sigma	424s
phosphorylase <i>b</i> , cross linked	sigma	431f	rhodamine B	sigma	424s
phosphoserine		424fr(#8)	rhodamine 6G	sigma	424s
phosvitin	sigma	424fre(#5)	riboflavin		424s
PIPES	calbiochem	424bs	ribonuclease A	sigma	424fre, 431f
			ribose	sigma	424s
phenylmethylsulfonyl fluoride (PMSF)	sigma	424s	rose bengal	sigma	424s
pluronic F-68	sigma	424s	rotenone	sigma	424s
polyacrylamide hydrazide	sigma	424f			
polybuffer 74	pharmacia	424f	salicylic acid	sigma	424s
polybuffer 96	pharmacia	424f	sarcosine	sigma	424s
polyethylene glycol	sigma	424s	scintillation fluid	NEN, dupont, fisher	431
polyoxyethylene lauryl ether	sigma	424s	sedoheptulose	sigma	424s, 503f
polyvinylalcohol	sigma	424s	sephacel, DEAE-	sigma	431f
polyvinylpyrrolidone	sigma	424s, ss	sephacryl S-200	pharmacia	431f
ponceau S	sigma	424s	sephacryl S-300	pharmacia	431f
potassium acetate	sigma	424s	sephacryl S-400	pharmacia	431f
			sephacryl S-500	pharmacia	424f
potassium bicarbonate	baker	424s	sephadex A-50	pharmacia	424ss
potassium bromide	anachemia	424s	sephadex C-50	pharmacia	424ss
potassium carbonate	fisher	424s	sephadex, DEAE	pharmacia	424s, ss
potassium chloride	baker	424s, ss	sephadex G-15	pharmacia	424ss
potassium citrate	fisher	424s	sephadex G-25	sigma	424ss, f
potassium citrate, tri-	BDH	424s			
potassium cyanide		424s	sephadex G-50	sigma	424ss
potassium dichromate	fisher	424s	sephadex G-75	pharmacia	424ss, f
potassium hydroxide	fisher	424ss	sephadex G-100	pharmacia	424s, ss
potassium hydrogen orthophosphate	BDH	424s, bs	sephadex G-150	pharmacia	424ss
potassium iodide	BDH	424s	sephadex G-200	pharmacia	424s, ss
			sephadex IEF	pharmacia	424ss
potassium meta-bisulfite	baker	424s	sephadex LH-20	pharmacia	424ss
potassium phosphate monobasic	baker	424bs	sepharose 4B-200	sigma	431f
potassium sulfate	baker	424s	sepharose 2B	pharmacia	431f
potassium tartrate	fisher	424s			
proline, L	sigma	424s			

sepharose CaM		424f	spermine	sigma	424fre(#6)
sepharose CL-2B 300	sigma	431f	spermine, crosslinked on agarose beads	sigma	431f
sepharose CL-2B 300	sigma	431f			
			starch, soluble	sigma	424s
sepharose CL-4B	sigma	431f	staurosporin	boehringer	424fre(#5)
sepharose CL-4B, 6-amino			stearic acid	fluka	424s
hexanoic acid activated	sigma	431f	streptozotocin	sigma	424fre(#3)
sepharose CL-4B, 6-aminocaproyl-D-arginine	sigma	431f	succinic acid	sigma, analar	424s
sepharose CL-4B, activated thiol	sigma	424f	succinyl-CoA synthase	sigma	431f
sepharose CL-4B, cyanogen-Br activated	sigma	424f	succinic thiokinase	sigma	431f
sepharose CL-4B, L-lysine	sigma	424f	sucrose	Mallinckrodt	424s
sepharose CL-4B, phenyl	sigma	431f	sulfosalicylic acid	fisher	424s, f
sepharose CL-4B	sigma	431f	sulfuric acid	BDH	424Un
sepharose CL-4B	sigma	431f	superose 6	sigma	431f
sepharose CL-4B, octyl-	sigma	424f	superoxide dismutase	sigma	431f
sepharose CL-6B	sigma	431f			
sepharose, epoxy activated 6B	sigma	424f	TAPS	calbiochem	424s
			taurine	sigma	424s
serine, L	sigma	424s	TEMED		438s
serotonin	sigma	424fre(#3)	tetracycline	sigma	431f
Sigmacell type 100	sigma	424ss	tetracycline, veterinary grade		503s
Silica	sigma	424s	tetrahydrofuran	Caledon	431fu
silver nitrate	goldsmith	424s	theophylline	sigma	424s
silver stain, developer	bio-rad	424ss	thermolysin, Bacillus	sigma	431fre(#9)
skim milk	sigma	424ss	thioredoxin	sigma	424fre(#3)
			thiosemicarbazide	aldrich	424s
sodium acetate	analar, fisher	424s	threonine, L	sigma	424s
sodium arsenate	fisher	424s	thymidine monophosphate (TMP)		424fr(#4)
sodium azide	baker	424s	thyroglobulin	pharmacia	431f
sodium bicarbonate	baker	424s	trehalose	sigma	424s, fre(#5)
sodium borate	fisher	424s	toluene	caledon	431fu, 424U
sodium bromide	anachemia	424s	N- α -p-tosyl-L-lysine chloromethyl ketone		424fr(#7)
sodium borohydride	sigma	424s	N-tosyl-L-phenylalanine chloromethyl ketone		424fr(#10)
sodium carbonate	baker	424s			
sodium chloride	fisher	424s, fl, f	Trans AM NF κ B P6S Activator assay	Active Motif	424f
sodium citrate	fisher	424s	tributyltin acetate	sigma	424s
sodium citrate, tri-	BDH	424bs	trichloroacetic acid	sigma	424Un
sodium desoxycholate			tricine	calbiochem	424s, bs
			triethanolamine	sigma	424s, bs
sodium dichromate	fisher	424s	trifluoperazine	sigma	424fre(#3)
sodium fluoride	sigma	424s, ss	trimethylamine HCl	sigma	424s
sodium hydroxide	anachemia	424s, ss	trimethylamine-N-oxide dehydrate (TMAO)	sigma	
sodium iodide	sigma	424s, 431f			
sodium orthovanadate	aldrich	424s	TRI reagent (RNA extraction)	MRC	424f
sodium-m-periodate	sigma	424s	triosephosphate isomerase	sigma	431f
sodium phosphate monobasic	sigma	424s	TRIS (Trizma base)	sigma	424s, fl, bs
sodium potassium tartrate	fisher	424ss	TRIS (Trizma HCl)	sigma	424s
sodium pyrophosphate	baker	424s	TRIS (Trizma maleate)	sigma	424bs
			triton X-100	BDH	424s
sodium sulfate	fisher	424s	triton X-114	BDH	424s
sodium tartrate		424s			
sodium thiocyanate	fisher	424s	Trizol	invitrogen	424f
sodium thiosulfate	baker	424s	trolax	aldrich	424s
sorbitol dehydrogenase	boehringer	431f	trypsin	sigma, boehringer	424f, fr(#9)
starch	sigma	424s	trypsin inhibitor	sigma	424f, fr(#10) 431f
sorbitol, D	sigma	424s, ss	trypsinogen	sigma	431f
sorbose	sigma	424s			
spermidine	sigma	424fre(#2)			

tryptone	sigma	424s
tryptophan, D-	sigma	424s
tryptophan, L-	sigma	424s
tyrosine, L-	sigma	424s
tyrosine, α -met-p		424fre(#3)
ubiquitin	sigma	431f
urea	analaR	424, ss
urease	sigma, Bohringer	431f
uric acid	sigma	424s
uridine 5' mono-P (UMP)	sigma	424fre(#4)
uridine 5' di-P (UDP)	sigma	424fre(#4)
uridine 5' diphospho -glucose (UDPG)	sigma	424fre(#4)
uridine 5' triphosphate (UTP)	sigma	424fre(#4)
uridine 5' diphospho-N-acetylglucosamine	sigma	424fre(#4)
valine, L	sigma	424s
vasotocin (Arg ⁸)	sigma	424fre(#3)
verapamil	sigma	424fre(#3)
2-vinylpyridine	Aldrich	424fre
xanthine	sigma	424s
xanthine oxidase	sigma	431f
xylene cyanol FF	sigma	424s
xylose	sigma	424s
yohimbine	sigma	424fre(#3)
yeast extract	USB	424s
zinc acetate	sigma	424s
zinc chloride	baker	424s
zinc sulphate	fisher	424s

CHEMICALS LIST

COMPANY LOCATION

PEPTIDES - inventory

Protein Kinases

AKT peptide	Queen's U	424fre(#2)	
AKT peptide (Crosstide)	Mark Rider, Belgium	424fre(#2)	[GRPRTSSFAEG] mw: 1164.2
AMPK	Queen's U	424fre(#2)	[HMRSAMSGHLHLVKRR] mw:1777.97
AMPK (Sams peptide)	Mark Rider, Belgium	424fre(#2)	[HMRSAMSGHLHLVKRR] mw 1779.2
CaMKII Autocamide II	Mark Rider, Belgium	424fre(#2)	[KKALRRQETVDAL] mw 1528
Casein kinase II peptide	Sigma	424fre(#2)	[RRRADDSDDDDD] mw :1450.34
GSK3	Mark Rider, Belgium	424fre(#2)	[KKGSTSTPAPSRTAXFS] mw:1789.8
GSK3	Upstate	424fre(#2)	[YRRAAVPPSPSLSRHSSPHQ(pS)EDEEE] mw: 3030
MAPKAPK-1	Queen's U	424fre(#2)	[KKKNRTLSBA] mw: 1129.70
MLCK (LC20 Peptide)	Mark Rider, Belgium	424fre(#2)	[KKRPQRATSNVFS] mw:1518
MLCK Mark Rider, Belgium	Justin	424fre(#2)	
Myelin basic protein		424fre(#2)	
p70S6K	Mark Rider, Belgium	424fre(#2)	[KKRNRTLSVA] mw: 1172.4
P70 S6K	Queen's U	424fre(#2)	[KKRNRTLTV] mw: 1114.69
Peptide Q Jam [β -HBA]	sigma	424fre(#2)	
PKA substrate (kemptide)	Queen's U	424fre(#2)	[LRRASLG] mw:771.5
PKA Inhibitor (5-24)	peninsula Labs	424fre(#2)	
PKA Inhibitor	Queen's U	424fre(#2)	[TTYADFIASGRTGRPNAI] mw: 1969.01
PKC peptide	peptides Int.	424fre(#2)	[Pyr-Lys-Arg-Pro -Ser-Gln-Arg-Ser-Lys-Tyr-Leu]
PKC substrate mw: 1373.6	calbiochem	424fre(#2)	
PKG peptide	Queen's U	424fre(#2)	[PKISASEFDRPLR] mw: 1573.87
PKG inhibitor	Peninsula labs	424fre(#2)	Arg-Lys-Arg-Ala-Arg-Lys-Glu
PKG substrate	peninsula labs	424fre(#2)	Arg-Lys-Arg-Ser-Arg-Lys-Glu
PKA, PKC, and p90rsk kinase substrate	Queen's U	424fre(#2)	[RRRLSSLRA] mw:1113.68
RLC (myosin regulatory light chain)	Justin	424fre(#2)	
Spermidine		424fre(#2)	
Tyrosine kinase Substrate	Sigma	424fre(#2)	Poly (Glu, Tyr) 4:1 mw:47700

Protein phosphatases

Protein Phosphatase I substrate	Queen's U	424fre(#2)	[KRY(P)VA] mw:771.56
Protein Phosphatase 2A,2C substrate	Queen's U	424fre(#2)	[RRAT(P)VA] mw:752.4
Tyrosine Protein Phosphatases substrate	Queen's U	424fre(#2)	Peptide 1: [ENDY(P)INASL] mw: 1118.47 Peptide 2: [DAEY[P]LIPQQG] mw:1328.57

Proteosome

proteosome (20 S) Fluorogenic substrate			
	Sigma	424fre(#2)	Z-Leu-Leu-Glu-7-amido-4-methylcoumarin
proteasome inhibitor	sigma	424fre(#2)	N-CBZ-Leu-Leu-Leu-AL