



Chemical Name	Concentration	Experiment Title
Copper sulfate	0.1 M	Copper in Pennies
Ammonium hydroxide	4 M	Copper in Pennies
Nitric acid conc.	15.9 M	Copper in Pennies
Biuret reagent	n/a	Protein Denaturation
Potassium chloride	0.5 M	Protein Denaturation
Albumin standard in KCl	2.5 mg/mL	Protein Denaturation
Albumin unknown A	0.9 mg/mL	Protein Denaturation
Albumin Unknown B	2.1 mg/mL	Protein Denaturation
Ethanol 95%	liquid	Protein Denaturation
Acetic acid	10% w/v	Casein, Lactose, Albumin from Milk
Calcium carbonate	solid	Casein, Lactose, Albumin from Milk
Ethanol 95%	liquid	Casein, Lactose, Albumin from Milk
L-dopa in water	0.1% w/v	Qualitative Enzyme Kinetics
Benzoic acid	0.2% w/v	Qualitative Enzyme Kinetics
Sodium carbonate	0.5% w/v	Qualitative Enzyme Kinetics
Lactic acid	0.1% w/v	Qualitative Enzyme Kinetics
Hydrochloric acid	0.4% w/v	Qualitative Enzyme Kinetics
Hydroquinone	0.1% w/v	Qualitative Enzyme Kinetics
Catechol	0.1% w/v	Qualitative Enzyme Kinetics
Sodium fluoride	0.1 M	Qualitative Enzyme Kinetics
Potato extract in 0.1M NaF	n/a	Qualitative Enzyme Kinetics
Resorcinol	0.1% w/v	Qualitative Enzyme Kinetics
Ammonium sulfate	50% w/v	Quantitative Enzyme Kinetics
Phosphate buffer pH 6.2	50 mM	Quantitative Enzyme Kinetics
Sodium Fluoride	0.05 M	Quantitative Enzyme Kinetics
Potato extract in 50mM NaF	n/a	Quantitative Enzyme Kinetics
L-dopa in phosphate buffer pH 6.2	20 mM	Quantitative Enzyme Kinetics
Positive controls (+/+ -/- +/-)	n/a	PCR Day 1

Chemical Name	Concentration	Experiment Title
PCR Master mix with primer	n/a	PCR Day 1
InstaGene matrix	n/a	PCR Day 1
Orange G loading dye	n/a	PCR Day 2
EZ Load Molecular Mass Ruler (MMR)	n/a	PCR Day 2
Fast Blast stain 100x	n/a	PCR Day 2
Agarose gel 1%	1% w/v	PCR Day 2
1x TAE buffer	n/a	PCR Day 2
Laemmli buffer w/DTT	n/a	Proteomics Day 1
Ponceau S stain	n/a	Proteomics Day 1
MiniProtean TGX gel	n/a	Proteomics Day 1
1x TGS buffer	n/a	Proteomics Day 1
Precision Plus Kaleidoscope standard	n/a	Proteomics Day 1
Actin and myosin standard	n/a	Proteomics Day 1
Secondary Antibody solution	n/a	Proteomics Day 2
HRP color detection reagent	n/a	Proteomics Day 2
Blotting buffer	n/a	Proteomics Day 2
Wash buffer	n/a	Proteomics Day 2
Primary Antibody solution	n/a	Proteomics Day 2
Ferric chloride	0.5% w/v	Synthesis of Soap
Sodium hydroxide	solid	Synthesis of Soap
Ethanol 95%	liquid	Synthesis of Soap
Sodium chloride	solid	Synthesis of Soap
Calcium chloride	0.5% w/v	Synthesis of Soap
Magnesium chloride	0.5% w/v	Synthesis of Soap