CARROLL COMMUNITY COLLEGE

Known Possible Hazards for BIOL 240 Genetics

This **list** of substances represents the possible hazards currently identified for this course; however, substitutions or additions are possible. Do not assume a substance is safe if it is not listed. You will be notified of changes as soon as they are available. If you are aware of any known allergies or sensitivities to chemicals, please let your professor know prior to the first lab class.

EDTA Disodium Salt, Dihydrate
Escherichia coli
Amplicon Cloning Control
Agarose
YPD Broth and Agar
7.5M Ammonium Acetate
NEBuffer 3.1
EcoRI-HF
ZymoPURE P1 (Red)
ZymoPURE Wash 1
Tris-(hydroxymethyl)aminomethane
GelGreen Nucleic Acid Stain
Linearized pMiniT 2.0 Vector
Cloning Analysis Reverse Primer
Proteinase K
LB Broth, Miller
RNase A Solution 10mg/ml
BgII CutSmart Buffer
HINDIII-HF
ZymoPURE Binding Buffer
ZymoPURE Elution Buffer
Cavicide Bleach
YED Agar
Adenine
Coppertone Sport Lotion SPF-15
Tetracycline
Circular Protran BA83 nitrocellulose membrane
Albumin from bovine serum (BSA)
Primary antibody - Anti-β-Galactosidase mAb
Plasmid DNAs (pGEM4Z and pBR322)
Calcium chloride
Sodium hydroxide
Potassium chloride
Potassium phosphate, monobasic
5-Bromo-4-chloro-3-indolyl β-D-galactopyranoside (X-gal)
Isopropyl β-D-1-thiogalactopyranoside (IPTG)
EconoTaq Plus Green 2X Master Mix
Cloning Mix 2 (10X)
NEB 10- beta/Stable Outgrowth Medium
LB Broth and Agar, Miller
Yeast Lysis Solution
Isopropyl Alcohol
HaeIII
BamHI-HF
ZymoPURE P3 (Yellow)
Sodium Chloride
Ethyl Alcohol, 70% and 100%
Cloning Mix 1 (2.5X)
Cloning Analysis Forward Primer
pUc19 Vector
TAE Buffer, 50X
YPD Broth
TE Buffer pH 8.0
Gel Loading Dye, Purple (6X)
ZymoPURE P2 (Green)
ZymoPURE Wash 2 with Ethanol Added
Zymolase
Saccharomyces cerevisiae (4 strains)
MV Agar
UVC lamp
Ampicillin
3 mm paper (Whatman 3 MM)
Tween 20
Western Blue® Stabilized Substrate
Anti-Mouse IgG (H+L), AP Conjugate
T4 DNA ligase
Sodium citrate
Sodium dodecyl sulfate (SDS)
Sodium phosphate, dibasic

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