

Tech Prep Sheet: Bio Sci 230

High Performance Liquid Chromatography (HPLC) ease review list before beginning of semester and ensure ALL items are available as listed.

Supplies	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
1 ml transfer pipets	1	2	15	Can re-use. Rinse, etc..
15 ml falcons	12	24	150	Can re-use: Have tray of extra tubes, etc in in biotech cabinet....
Cups for waste collection	1	12	15	Can wrinse, re-use..
Alcohol waste container	1	1	1	1 labeled, 2 liter jug
Reagents	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
Kool Aid, Grape. In 1 ml aliquotes	3	12	40	Student team needs 1 ml per procedure. Prepare by mixing 400 mls water with a grape Kool Aid pack
50 ml falcon tube with 100% isoprop	1	12	15	Add 50 mls to labeled falcon, seal with tape
50 ml falcon tube with 100% Ethanol	1	12	15	Add 50 mls to labeled falcon, seal with tape
50 ml falcon tube with 100% isoprop	1	12	15	Add 30 mls to labeled falcon, seal with tape: LABEL FAUX METHANOL
15 ml falcon tube, each with 10 mls of: water, 5,20,60, isopropanol	4	12	50	NOTE: FAUX METHANOL is isopropanol: Water vial is water. 5% methanol = water 20% methanol = 5 % isopropanol 60% methanol = 20 % isopropanol 100% methanol = 100 % isopropanol
Equipment	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
Sep-Pak Columns	1	12	15	Can be re-used. Outreach has some extra
10 ml syringe, Leur tip	1	12	15	Can be re-used. Outreach has some extra

