

Tech Prep Sheet: Bio Sci 230**Protein Standard Curve: Please 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
96 well micro-well plate	1	24	12	12 plates are fine, reuse as needed
Tape cover for above plates	1	24	15	12 total, but have some extra as needed..
2. 0 ml microfuge tube	18	24	300	Non-sterile fine
Marking pen				
Reagents	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
BSA protein standards (2 mg/ml)	1 ml	24	15	BSA standard (source), 2 mg/ml. 1.5 micro tube
0.9 % saline	1 ml	24	15	Aliquot in 1.5 microfuge tubes
BCA reagent part A	13 mls	24	15	Aliquot into falcon tubes (label: BCA: Part A)
BCA reagent part B	275 ul	24	15	Aliquot into microfuge tubes (label BCA, prt. B).
Equipment	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
Brayer				Roller to apply to tape atop well plate
Centrifuges, vortexer, pipets and tips				In Lab supplies, restock as needed.
Dry bath, 60 degrees				Used to accelerate the BCA development