

## Partial Supplies List

### BIORAD

#### SDS PAGE

- Precision Plus Protein Dual Color Standards (prestained standards for WB and SDS PAGE) 1610374
- 2-mercaptoethanol 1610710
- 4x Laemmli Sample Buffer 1610747
- 10x Tris/Glycine/SDS for SDS PAGE running buffer 1610732

#### Precast Gels

- 12% Mini-Protean TGX Precast Gels 12 well, 20  $\mu$ l 4561045 Pkg of 10, for use with Mini-PROTEAN
- Bio-Safe Coomassie 161-0786

#### His-Tagged Fusion Protein Purification

- Profinity IMAC Resin Ni-Charged, 25 ml 1560133
- Alternative sources of NTA Ni beads include Qiagen and Gold Bio (H-350-25)
- Econo-Pac Chromatography Columns Pkg 50 (1-20 ml) 7321010
- Silicon Tubing 7318211 Pkg of 1, 1.6 mm ID/0.8 mm wall, 10 m, low-pressure tubing for liquid handling
- 1.6 mm Barb to female luer 7318222 Pkg of 25
- 1.6 mm barb to female luer, polypropylene, fits inlet and outlet of Econo-Column chromatography columns and low-pressure tubing
- Bio-Rad Protein Assay Kit II (BSA Std) 5000002

#### Plastics/Disposables

- Polystyrene semi-micro (1.5 ml) cuvette 2239955 Pkg of 100, 1.5 ml cuvette
- Gel Staining Trays #1660477EDU

#### Misc

- Imidazole. Imidazole (Certified), Fisher Chemical Cat **O3196-500 500 g**
- K Potassium Monobasic Potassium Phosphate Monobasic (White Crystals), Fisher BioReagent
- Oxalacetic acid, 98%, Thermo Scientific Chemicals
- NADH Disodium Salt. beta-Nicotinamide adenine dinucleotide reduced disodium salt, 97%,
- 50 ml high speed conical tubes. Fisher - Fisherbrand™ 50mL Easy Reader™ Plastic Centrifuge Tubes
- Bugbuster Protein Extraction Reagent (Millipore (70584), Fisher or Sigma)
- DNaseI (Sigma 100 mg 10104159001) use at 20  $\mu$ g/ml with 0.1 mM  $MgCl_2$