

Gel Electrophoresis Required Data

Due one week after experiment (individually to section TA, "representative example" for inter-group exchange). Include as a heading: your name, assigned group number, names of group members, and dates experiment was performed

1. **Record** important values
 - a. Which protein is in which lane
 - b. Standard/known concentrations
 - c. Any dilutions

2. **Image** the gel
 - a. Use standard to determine unknown protein molecular weight
 - i. Guess unknown protein name
 - b. Use known concentration dilutions to determine unknown protein concentration
 - c. Use the intensity of each band to estimate the protein purity (%)