

9/26/17

Tasklist:

- Continuation of round-robin with SDS-PAGE
-

➤ SDS-PAGE

-Step 1: Prepare the SDS-PAGE buffer according to the 9/12/17 directions

-Step 2: Assemble the Electrophoresis cell according to the machine's directions and with Dr. Fox's assistance

-Step 3: Get the gel from the fridge

-Step 4: Prepare and load samples. Table 1 lists which sample was in which column.

Column	Sample in Column
1	Ladder
2	BSA and Glycine
3	AuNP and BSA
4	AuNP and Arg
5	Lysine Buffer

-Step 5: Run electrophoresis for 30 minutes at 200V, 0.05A, and 10W

-Step 6: Develop the stain by placing the gel in a fixative solution for 30 minutes then a stain solution for 1 hour then a destain solution for 15 minutes. The gel was then place in fresh destain solution for two more times. Finally, the gel was produced.

Unfortunately, my group cannot locate the image of our stain. If we are able to find the image, I will add it to this file.