

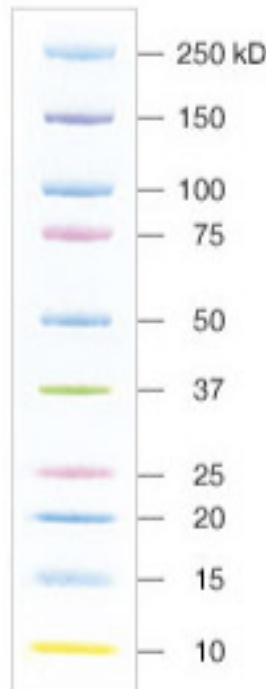
- Announcements
- Pre-lab Lecture
 - ❖ SDS-PAGE Part 2
 - ❖ Today in Lab (M2D7)

Announcements

- Discuss mid-term feedback
- Don't forget special topic reflection (+extra credit)
- M1 and M2 reflections will be read together (1 comment)
- Discuss previous FNT → fantastic intros improvement!
- Discuss quiz → low average = our bad
- Discuss protocol → wash+bind buffers *complete w/ loose binders using low [imidazole]*
- Module 2 assignment notes
 - individual reports due Mon Apr 22nd, 5 pm
 - no formal revision
 - Alan grades everything but methods + results (OH by appt)
 - note about reference mutant framing
 - write for a naïve audience (IPC, CaM, etc.)

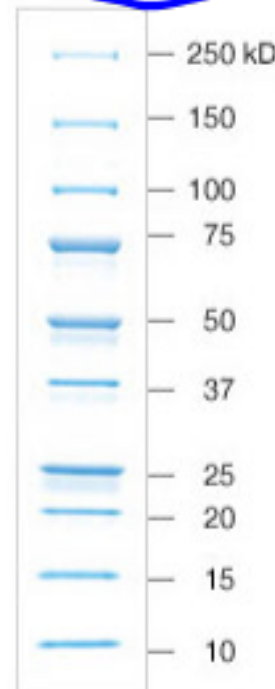
SDS-PAGE visualization, analysis

- Visualization: Coomassie stain (binds certain AA)
- Two possible ladders: visualization, quantification



Kaleidoscope

*pre-stained,
real-time
tracking*



Unstained

*responds to
the stain*

150 ng (@100 KDa)

750 ng (@50 KDa)

150 ng (@20 KDa)

Today in Lab (M2D7)

- Start with PAGE
 - boil your samples *and* the ladder
 - one extra gel just to practice loading
- After PAGE done, begin staining and washing
 - we will do final O/N wash and post images tomorrow
- Continue with calcium titration
 - two groups at a time
 - avoid bubbles!
 - how does it work?
- FNT: methods high-level outline
- Next time in lab: analysis! **in 16-336**