- Announcements
- Quiz
- Pre-lab Lecture
  - ❖ ELISA
  - ❖ RT-PCR analysis

Announcements

- Setting grades in 20.109
- Module 2 revisions due D6, 11 am
  - Highlight changes in red
- Module 3 report due D7, 5 pm
  - Informal but clarity remains paramount
- Final project: presentations on Day 8
- Day 7 lecture
  - Atissa on presenting with a partner
  - WAC evaluation forms
- Day 8 lecture: special topics in TE
- Final lecture: class discussion/evaluation; party

ELISA

① bind proteins → wash

② block w/milk protein

△ collagen
○ other

③ 1° antibody

④ wash (Tween = soap)

1° Ab = anti-collagen (produced in rabbit)

⑤

⑥ Substrate for AP

colour

2° Ab = anti-rabbit (prod. in goat)

● alkaline phosphatase

colour ∝ starting [protein]

RT-PCR analysis

- Be consistent
- Same analysis on different exposure times may give somewhat different results

- CN II/GAPDH ratio

  CDRs > MSCs, CDRs > FBs

- CN I /GAPDH ratio

  MSCs > CDRs, FBs > CDRs

- CNII / CN I ratio

  * arbitrary, relative benchmark
  NOT actual transcript ratio
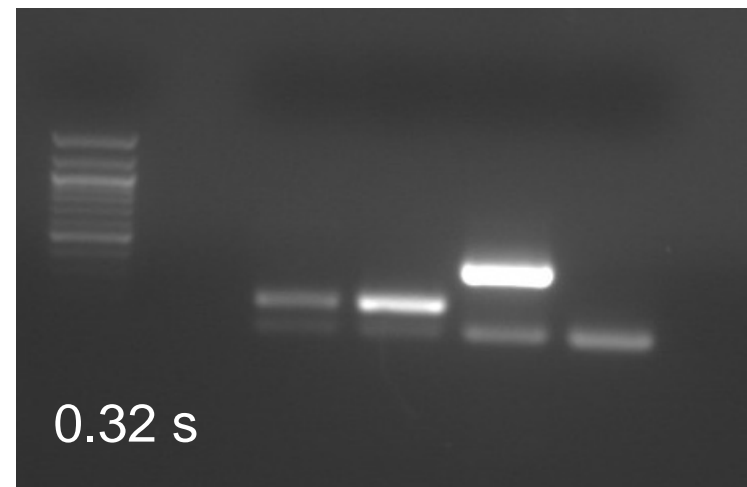
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