

RECORD SHEET: RESTRICTION ENZYME LAB (DNA LAB #2)

Loaded, before running

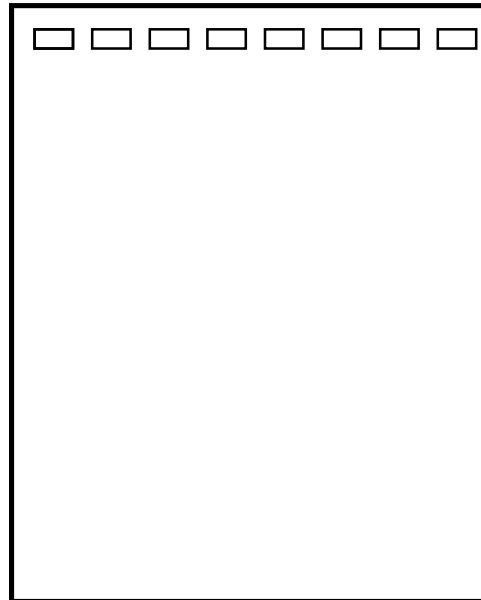
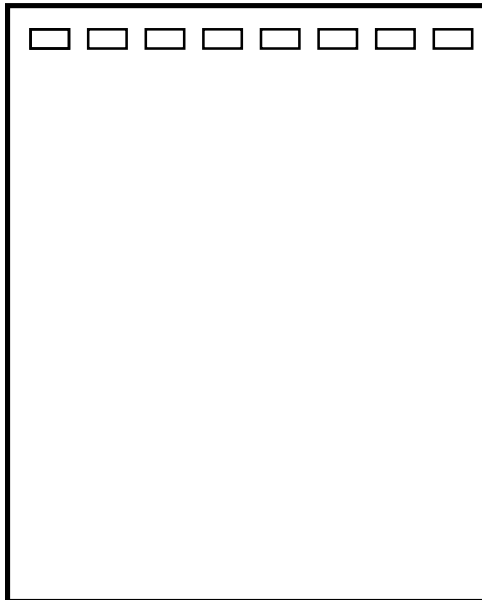
After gel running

Put your acetate sheet of results here

Black (-) end

pH:

pH:



Red (+) end

pH:

pH:

STEP 1

- prepare samples
- prepare gel: 0.7% agarose
- add buffer: 125 ml 1X TAE
- optional: record pH at each end*
- load 15 µl into wells
- record sample names next to wells

STEP 2

- run gel at least 30 min at 100 V
- optional: record pH at each end*
- stain gel in Fast Blast™
- destain gel in tap water
- record bands above and place your acetate sheet on this page.
- measure distance each band traveled in millimeters

STEP 3

- clean up
- wash your hands
- determine sizes of bands by estimation or by semi-log plot