

1/10/2009

Purpose: Run western blot using various protein samples to look for expression of HSP70.

Procedure: load the following samples based on volume (aim was to get max amount of protein in wells)

For each sample: 25 μ L 2x Reducing Buffer
25 μ L protein sample

The following samples were prepared (in order of lanes on gel)

1. See Blue marker (10 μ L)
2. Mussel H.S. 37°C (~50 μ L) H.S. = heat shocked
3. Barnacle H.S. 37°C (~50 μ L)
4. Oyster gill H.S. 37°C (~50 μ L)
5. octopus - bucket (~30-40 μ L) - some vol. spilled out + lanes not loaded
6. octopus - skin (~50 μ L)
7. octopus - uw (underwater) (~50 μ L)
8. \downarrow some volume overloaded into lanes 8
not loaded
9. B.B. sample - Abalone heart (~50 μ L)
10. Bob sample - Gill (~50 μ L)
11. Jen sample - Trout W. muscle (~50 μ L)
12. John sample - Trout R. muscle (~50 μ L)

• Run gel @ ~150V for 45 min