

Lab 1

1. Performance of SDS PAGE
2. Performance of Agarose gel electrophoresis.
3. Performance of density gradient centrifugation.
4. Performance of thin layer and paper chromatography
5. Demonstration of HPLC and Flash chromatography
6. Determination of absorption maxima in visible spectroscopy.
7. Estimation of protein by UV-Visible spectroscopy.
8. Demonstration of FTIR
9. To study eye-hand and speech coordination in human subjects and correlate the findings in open-eye and blind folded subjects
10. To localize gustatory receptors with different taste solutions
11. To observe and record patterns of normal and stimulated behaviors
12. To study habit interference in human subjects
13. To locate the blind spot in humans
14. To determine phototactic responses in grain beetles
15. To explore different behavior patterns using Altmann's methodology
16. To study associative learning skills in animals
17. To correlate ecological adaptations and behavior
18. Prepare ethogram of various animals