

102-1 Preliminary Syllabus, Da-Yeh Univ

Information			
Title	生物化學實驗	Serial No. / ID	0552 / MBI3090
Dept.	分子生物科技學系	School System / Class	大學日間部3年1班
Lecturer	李泰林	Full or Part-time	專任
Required / Credit	Required / 1	Graduate Class	No
Time / Place	(一)789 / J515	Language	Chinese

Introduction

The aim of this Biochemistry experiment is leading student to familiar the experiment holding in laboratory. Accordingly, the student should collect data, analyze it and report it. Consequently, establish their ability in lab work, further study or career.

Outline

1. Laboratory rule
2. Cleaning
3. Amino acid separation by ion-exchange chromatography
4. Protein separation by SDS-PAGE
5. Potato polyphenolic enzyme preparation
6. Basic protease activity assay
7. DNA and RNA extration
8. Polysaccharide intermediate analysis
9. Middle-term examination
10. Protein estimation
11. Reduce-end of saccharide measurement
12. Phosphate anabolism
13. Amino acid separation by paper chromatography
14. Thrombolytic enzymes activity
15. TLC separation of soluble sugar
16. Group reporting
17. Working area cleaning
18. Term examination

Prerequisite

Biology and Chemistry