

MOLECULAR GENETICS OF EUKARYOTES MBI0 4610 LAB EXAM OUTLINE

Date: Thursday November 24, 2011
Time: 10: am (all sections)
Duration: 1 h 15 min
Location: 115 Arms (B02 Monday Lab Students, groups 1-10)
306 Buller (B01 Wednesday Lab Students, groups 25-47)

Policy:

The lab exam is part of the final course examination. Department of Microbiology appeal procedures will be followed.

Format:

- write in PEN
- bring a non-programmable calculator
- short answer questions - space provided on exam paper
- answer in point form wherever possible
- sample lab exam in back of lab manual -same basic format.

Information responsible for:

- All information in lab manual (introduction, procedures, and appendix).
Includes procedures not carried out by you but were done by the demonstrators for you.
- All information in lab reports.
- When studying procedures such as plasmid DNA prep it is important to know and understand the main components of each solution. Memorizing P1, P2, N3 etc is of no value to you on the lab exam.
- Responsible for database search information as explained in lab manual. However, you are not responsible for the online search procedure. I could give you search data and you must be able to interpret the information.
- You are not examined on reference information linked on lab website unless used for lab report.
- Expected data.
- Data analysis.
- Techne PCR Operation Instructions not required for lab exam.

Media/solutions:

- Exact composition of reagents, media, and solutions not necessary. That is, don't need to know the gram weight, concentration, etc.
- But must be able to relate an experimental step function to each component of a solution or media or vice versa.
- If a question asked EXPLAIN WHY, you need to tell me not only the function but must explain why it does that function.

Any questions? My office is 414B Buller.