

Waiver Form For MB&B 360 Lab

Student Name _____

Class of _____

A waiver for MB&B 250La/360Lb may be granted if your research experience is substantially equivalent to what would be obtained in the lab course. The research experience used may include MB&B research courses (e.g. MB&B 470a or 471b), laboratory courses from other departments, and non-credit research at Yale or other research institutions. However, at least part of the research work used must be from a formal research or laboratory course that involved written reports of the research done. Your experience must include some of the techniques listed below for analysis of proteins and some for the analysis of nucleic acids. The faculty principal investigator under whom you carried out your research must sign this form to certify that you have indeed used these techniques. Subsequently, you must also meet with the Director of Undergraduate Studies (not your academic advisor) to demonstrate your conceptual understanding of the methods and obtain his signature.

List the research experience(s) you are using for this waiver below.

Research or laboratory course name, date, and instructor:

Other research experiences, with dates and principal investigator:

Check off the techniques you have used.

Nucleic acids:

- PCR
- Restriction enzyme digestion
- DNA purification
- Ligation and transformation
- Agarose or polyacrylamide gel electrophoresis of RNA or DNA
- DNA sequence analysis
- Other (specify):

Proteins:

- Protein purification by column chromatography
- SDS PAGE
- Bradford assay
- Activity assay
- Enzyme Kinetics, Michaelis Menten analysis (UV/vis spectroscopy)
- Other (specify):

Signatures (mandatory):

Principal investigator: _____

MB&B DUS: _____