Benson's Microbiological Applications: Laboratory Manual In General Microbiology
Synopsis

Benson’s Microbiological Applications has been the gold standard of microbiology laboratory manuals for over 30 years. The 59 self-contained, clearly-illustrated exercises, and four-color format makes Microbiological Applications: Laboratory Manual in General Microbiology, the ideal lab manual. Appropriate for either a majors or non-majors lab course, this lab manual assumes no prior organic chemistry course has been taken.

Book Information

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Customer Reviews

I used this in my Microbiology Lab in University. The material is very clearly written and easy to understand! It was a summer course with two 4-hour labs a week. My professor would occasionally change the procedures slightly, but not because of any real problems with the text. It was usually a limitation based on the availability of organisms for class use, or to make the organization of organism use appropriate for different lab groups. It's a great text that gives basic information, and has other chapters introducing more complicated Medical Microbiology topics. I would recommend this lab manual for students interested in supplementing their understanding of Microbiology with actual laboratory methods, or for professors looking for an easily comprehensible manual to teach their students anything from the basics of Microbiology to the more complicated Medical applications of the field! I hope this review helps! Below are SOME topics in the book from basic to beyond: * Introductions to methods of microscopy * Introductions to organisms, types, classifications and attributes (cocci, bacilli, etc) * Observation for preference for growth (temperatures, oxygen
levels, salt contents, etc*Stain techniques (gram, spore, negative, simple, acid-fast, etc)*Look at
different kinds of agars, and learn about selective, differential, enriched, etc*Learning about
Coliforms in water and product industry such as meat production, and learning about E.

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