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Laboratory Research Notebook

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#1527852 in Books Cold Spring Harbor Laboratory Press 2007-05-27 2005-05-27 Original language: English PDF # 1 8.50 x .40 x 11.00l, 1.06 Binding: Diary 50 pages | File size: 62.Mb

Cold Spring Harbor Laboratory Press : Laboratory Research Notebook before purchasing it in order to gauge whether or not it would be worth my time, and all praised Laboratory Research Notebook:

1 of 1 people found the following review helpful. Professional quality lab notebook for life sciences By A. Rose This is a solid notebook with a burgundy linen hardcover designed to be used in a life sciences research laboratory. It has 100 pages to record experiments, which are quad-ruled and laid out like most professional laboratory notebooks with places to enter date, title, project and purpose on top, and signatures at the bottom of each page for the experimenter and a witness. The front has two pages for a table of contents. There are some reference pages both at the front and at the back of the book that will likely be most useful for molecular biology and related disciplines (e.g. biochemistry, biotechnology). These include instructions, such as for keeping a lab notebook and for making solutions. The latter is particularly helpful for students or anyone new to lab work and includes how to calculate grams needed for molarity and how to dilute to a particular concentration. Information provided that will be useful for molecular biology includes the genetic code ("sun" diagram, not a table) and all 20 amino acids with single and triple letter code and molecular

weight, tables with the range of separation of DNA in both agarose and polyacrylamide gels, and how to convert bp DNA into kDa protein and calculate nucleic acid concentrations from OD₂₆₀. Chemistry info includes the periodic table of elements, and chemical properties of commonly used buffers, acids and bases in biochemistry. Two pages are devoted to conversion factors, e.g. Fahrenheit to Celsius, inches to centimeters etc. Some of these are quite amusing - I'm not sure anyone working in a lab setting needs to know how many liters are in a hogshead or how many kilograms in a slug - but they're there if needed. I like that it is only 100 pages long - great for undergraduate student projects such as independent studies or honors research that only run for 6 months or a year. A couple of things that are not perfect: It claims the grid on the pages is 1/4 inch, but it isn't. It's close, but not quite. It's not 5 mm either, but rather somewhere in between 5 mm and 1/4 inch. I would prefer an accurate 5 mm grid in a scientific notebook to help with drawing diagrams such as standard curves for assays etc. Compared to other notebooks, which have a lighter and colored grid, this one has black lines, which makes it hard to make legible copies of the pages for safekeeping or personal records. The cover, while it feels and looks nice, is not water-repellent and will soak up liquids. It would be nice for a lab notebook to have a spill-proof cover that could be wiped down for decontamination. 1 of 2 people found the following review helpful. Ok, but missing something By ThomasSK The book is for Chem. engineering. Have a lot of pages on molecular stuff. The only downside to this book is that the grid is in black, so it makes it difficult to use black ink in the book. Also the thickness of the grid is a bit high.

Cold Spring Harbor Laboratory Press presents the ultimate research notebook, the perfect tool for the student as well as the professional researcher. With 50 carbonless, duplicate pages, and table of contents, the paperback edition can help you organize the most hectic lab schedule. Each notebook includes seven pages of essential reference tables and charts, information on common solutions, and measurement conversion factors selected from Cold Spring Harbor Laboratory Press manuals. This is the most functional, economical, and professional lab resource available.