

Lab Bench 3: Mitosis & Meiosis DELIVERABLES

1. Explain what you know about the roots of the word “karyokinesis”. Why are the words prokaryote and eukaryote appropriate?
2. Explain what homologous chromosomes are, and what an allele is, and give examples in you. Assume that you are dealing with a gene that has only 2 alleles.

Design the Experiment II

1. Explain an experiment that would show how much time onion cells spend in each of the phases of cell division. PROVIDE SAMPLE DATA (i.e. make up some realistic numbers) in a data table.

Lab Quiz II

1. Answer with a complete sentence.
2. Show your work.
5. Explain
6. Explain

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