Student Web quest: Gel Electrophoresis

Source: Genetic Science Learning Center. "Gel Electrophoresis Virtual Lab." Learn.Genetics 14 July 2009 http://learn.genetics.utah.edu/content/labs/gel/

Objective: In this virtual lab, you will identify the resources and process of Gel Electrophoresis.



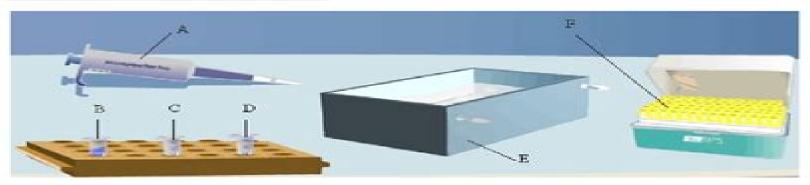
#### Introduction:

- 1. What is Gel Electrophoresis used for?
- Using the picture to the left, describe how DNA moves through a gel.

Step One: Make the Gel & Step Two: Step up the Gel Apparatus

- 3. What is buffer and what is it used for?
- 4. What is the purpose of the "comb?"

Step Three: Load the DNA sample into the Gel-



- 5. Label the following on your bench. Your Pipette tips (F) has already been done for you.
- A \_\_\_\_\_

C \_\_\_\_\_

8

€.

D \_\_\_\_\_

6. What are the two major functions of "Loading Buffer?"

1. \_\_\_\_\_

2. \_\_\_\_\_

# **Gel Electrophoresis Virtual Utah Lab Answer Key**

**Xiang Xie** 

Gel Electrophoresis Virtual Utah Lab Answer Key:

Unveiling the Magic of Words: A Overview of "Gel Electrophoresis Virtual Utah Lab Answer Key"

In a global defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Gel Electrophoresis Virtual Utah Lab Answer Key**," a mesmerizing literary masterpiece penned with a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve in to the book is central themes, examine its distinctive writing style, and assess its profound impact on the souls of its readers.

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