

Wellness Center Biochemist

Today, you will help solve a mystery that has happened at the restaurant. You will analyze the hair and blood samples that have been given to you. Be extremely careful when handling the slides. These are very fragile and must be treated as such. After completing the analysis and determining the outcome, you will meet with the District Attorney to give your determination. After you have completed the hair and blood typing analysis, you will help the Physician Assistant with the sales for the Wellness Center. Assist each customer in a friendly and courteous manner.

1. Read the Biochemist Workbook

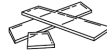


2. Review Microscope Operation

Review the microscope operation page in the Biochemist Workbook.



3. Begin the Investigation



Begin your investigation analysis by viewing the hair samples slides.

- First, view the Evidence hair slide (you may need to move the slide around under the microscope to find the strand of hair).
- Write your “Observations” in **Data Table #1** next to “Evidence”.
- Then do the same for each of the Suspects, completing **Data Table #1** as you view each slide.
- After viewing all the slides, complete your data observations.

4. Begin the Blood Typing Analysis



After you have completed the hair analysis, begin the blood typing analysis for each suspect.

- Follow the directions in the Biochemist Workbook to complete each step of the blood typing analysis and complete **Data Table #2** as you work through each step.
- Be sure to read the information on blood types and Rh Factor in your Biochemist Workbook so you understand your results.
- Once the table is completed, make your determination based on the hair and blood typing results and the suspect you feel most closely matches.
- When you are done, inform a JA staff person.
- Make sure your work area is cleaned up, slides are neatly put away, the tops to the Serum and Neo Blood bottles are put on tightly and all items are put away in the container provided.

5. Meet with the District Attorney

Meet with the District Attorney and present your findings so that they can complete the investigation report.

6. Assist the Physician Assistant



After the case has been solved and you have cleaned up your work area, you will assist the Physician Assistant with the merchandise sales in the Wellness Center.

- a. Make sure you know what is being sold, prices of the items and how to use the POS (Point of Sale) on the iPad. The Physician Assistant will be happy to show you.
- b. When citizens are on break, they can come into the Wellness Center, show their blue insurance card, and get a free eye, height, and temperature exam. Assist with this.

7. Clean Up

Assist with business clean up at the end of the day.