

Name \_\_\_\_\_

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## Hair Analysis Lab

### Materials:

- Digital microscope or compound light microscope
- Magnifying Glass
- Clear or Transparent Tape
- White & Dark paper

### Procedure:

1. Gather the hair samples on pieces of clear or transparent tape. Gather different types of hair but leave enough for other investigators.
2. Study your hair samples under the magnifying glass. Look at the different characteristics: color, shape, texture.
3. Record the characteristics in the Lab Analysis Tables.
4. Examine your hair samples using the microscope at different powers.
5. Record what you see. Note any similarity or differences about the hair. Try to decide if your samples are human hair or animal hair. Guess what kind of animal.
6. Summarize your results and give your ideas on what might have happened at the crime scene.

Name \_\_\_\_\_

Date \_\_\_\_\_

**Lab Analysis Table 1  
Examination of Hair Under a Magnifying Glass**

	<b>Color</b>	<b>Texture</b>	<b>Human or Animal? What kind?</b>
Sample 1			
Sample 2			
Sample 3			

**Lab Analysis Table 2  
Examination of Hair Under a Microscope**

	<b>Color</b>	<b>Texture</b>	<b>Human or Animal? What kind?</b>
Sample 1			
Sample 2			
Sample 3			

**Summarize Your Results:**

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**What do you think might have happened at the scene of the crime?**

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