

# Lab Report 47

Name \_\_\_\_\_

Date \_\_\_\_\_

## Identification of Unknown Bacteria

Organism tube number: \_\_\_\_\_

### How does it look?

	Organism A	Organism B
Color and appearance of the colonies		
Gram stain: Shape		
Gram stain: Gram reaction		

### Initial testing: Sugar fermentations

	Organism A results	Organism B results
Phenol red glucose		
Phenol red lactose		

### IMViC tests and others

	Organism A results	Organism B results
Indole		
Methyl red		
Voges-Proskauer		
Citrate		
H <sub>2</sub> S (on SIM or TSI)		
TSI		
Casein		
Gelatin		

**Additional tests that are sometimes helpful**

	Organism A results	Organism B results
Litmus milk		
Starch		
Catalase		
Oxidase		
Urease		
Nitrate		
Motility		

And your interpretation . . .

Organism A is \_\_\_\_\_

Organism B is \_\_\_\_\_

Write out your rationale for your choices:

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