

**City Colleges of Chicago
Olive-Harvey College
Department of Natural Sciences
MICROBIOLOGY 233: General Microbiology**

**Unknown Project
Data Form**

Last Name: _____ **First Name:** _____

Section: _____ **FALL** **SPRING** **SUMMER** **YEAR:** _____

Unknown # _____

The list below represents all of the tests performed during the unknown project. The tests are listed in the order used by the GIDEON software which will be used to identify your unknown.

Always place this form in the mailbox before you leave the lab!

<u>BASIC TESTS</u>	<u>Visual Observations</u>	<u>Interpretation</u>		
Gram stain	_____	Gram-negative	Gram-positive	
Cell morphology	_____	coccus	bacillus	
Oxygen requirements	_____	aerobe	facultative	anaerobe
Growth on MacConkey agar	_____	+	-	
Oxidase	_____	+	-	
Catalase	_____	+	-	
Glucose fermenter	_____	+	-	

(acid production; record gas production under “GENERAL TESTS, Gas from glucose”)

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<u>GENERAL TESTS</u>	<u>Visual Observations</u>	<u>Interpretation</u>	
Indole	_____	+	-
Methyl red	_____	+	-
Voges-Proskauer	_____	+	-
Citrate	_____	+	-
Hydrogen sulfide	_____	+	-
Nitrate to nitrite	_____	+	-
Urea hydrolysis	_____	+	-
Phenylalanine deaminase	_____	+	-
Gas from glucose	_____	+	-

FERMENTATION OR ACIDIFICATION

	<u>Visual Observations</u>	<u>Interpretation</u>	
Lactose	_____	+	-
D-Mannitol	_____	+	-
Sucrose	_____	+	-