

# Proteus Vulgaris Unknown Lab Report

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### **Proteus Vulgaris Unknown Lab Report**

Proteus vulgaris | Unknown Lab Report, Microbiology. Microbiology in simplest terms is the study of microorganisms that may or may not be present to the naked eye. These microorganisms can have remarkable abilities such that we cannot fathom. In order to begin to understand them, we must learn the basics.

### **Proteus vulgaris | Unknown Lab Report, Microbiology**

Microbiology Unknown Report | Proteus vulgaris. The discipline of microbiology has many applications in science and medicine. This unknown. in a lab. The practical application of this study includes determining unknown bacteria in/on. patients, surfaces and foods using varied laboratory techniques. An unknown bacteria tube, number 102, was distributed randomly by course instructor.

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## **Microbiology Unknown Report | Proteus vulgaris | BLS-ACLS ...**

Proteus vulgaris background . Proteus vulgaris is a rod-shaped gram negative bacterium. The bacteria can be found in soil, polluted water, raw meat, or in gastrointestinal tract of animals. The Proteus species can also cause urinary tract infections in humans. Proteus Vulgaris is also present in all sewage, which is favorable medium for growth. Without a favorable medium for growth Proteus vulgaris can survive 1-2 days. (Kramer, 2006) The Proteus species are highly resistant to antibiotics ...

## **S. aureus and P. vulgaris | Microbiology Unknown Lab Report**

Due to the lack of time, no further tests were performed to prove the Proteus vulgaris. A contamination must have happened running these tests because the results were never accurate. If time had permitted, an Indole and Simmon's Citrate test would have been conducted to prove the bacteria of the unknown. Enterococcus faecalis is gram-positive cocci. Its phylum classification is firmicutes and its kingdom is eubacteria.

## **Micro Lab Report | Proteus vulgaris and Enterococcus faecalis**

Nyima Kinteh Northern Virginia Community College BIO 150 Professor Kedir Seid October 15, 2015  
Lab Report: Working with Unknown Bacteria (#7) Bacteria can be identified using different tests. The purpose of this lab was to identify unknown bacteria (# 7) using gram-staining and biochemical tests. The unknown culture was transferred into 8 test tubes, which were incubated at 37 °F.

## **BIO 150- Lab report (Proteus vulgaris) - Nyima Kinteh ...**

Instructions You will identify an unknown bacterium based on a series of biochemical tests you perform in lab. Your unknown will be one of the following: Enterobacter aerogenes, Escherichia coli, Proteus vulgaris, or Pseudomonas aeruginosa.

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## **Solved: I Found My Unknown To Be Proteus Vulgaris, Please ...**

Proteus organisms are easily recovered through routine laboratory cultures. Most strains are lactose-negative and demonstrate characteristic swarming motility on agar plates. Any positive culture...

## **Which lab tests are performed to diagnose suspected ...**

After isolating one of the bacterium a Gram stain was performed. The Gram test concluded that the bacterium was a Gram negative rod. This narrowed down the unknown to 5 possible answers: Escherichia coli, Klebsiella pneumoniae, Enterobacter aerogenes, Proteus vulgaris, and Pseudomonas aeruginosa. The first biochemical test performed was a Simmons Citrate, and after observation a negative result was concluded.

## **How to Write a Microbiology Unknown Lab Report**

These tests confirmed the identity of Unknown#124A as Proteus vulgaris. The bacterial genus Proteus belongs to the family Enterobacteriaceae of gram-negative bacteria (2). They are motile by peritrichous flagella and facultatively anaerobic (3). P. vulgaris is considered to be the representative species of the genus (2). It occurs in soil, polluted water, and intestines of (healthy) man and animals (4).

## **Unknown Lab Report in Microbiology | BLS-ACLS-PALS Classes ...**

Microbiology 20 Biochemical Unknown - Spring 2009 ... You should be prepared to turn in your notebook with your biochemical unknown identification completed after lab on Thursday May 14th. Out of a possible 70 points you will be graded as follows: ... Proteus mirabilis Proteus vulgaris Pseudomonas aeruginosa Pseudomonas fluorescens Serratia ...

## **Microbiology 20 Biochemical Unknown - Fall 2008**

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The results for Indole were positive, leading to the confirmation that the Gram Negative bacterium was either Escherichia coli or Proteus vulgaris. Next, a Urea test was completed because it also differentiated between the two confirmed possibilities. A negative Urea test resulted, which suggested that Escherichia coli was the unknown bacterium. However, wanting to confirm with a positive result, a Lactose test was conducted.

## **Example of Unknown Lab Report for Microbiology**

Question: I Determined That My Unknown Bacterium Is:\_\_\_\_\_ Unknown Lab Report \*If You Will Not Be Able To Turn In Your Report On The Specified Date You Must Get It To Me Early. Late Reports Will Not Be Accepted. This Assignment Is Worth 50 Points Total Failure To FOLLOW DIRECTIONS Will Result In Point Deductions!

## **I Determined That My Unknown Bacterium Is ...**

Major Unknown Report Suzanne Ricca - Lab #22 Gram (+) Unknown #13 - Bacillus subtilis ... Proteus mirabilis or vulgaris Ornithine Decarboxylase Determine ability to decarboxylate ornithine to putrescine and differentiate between P. mirabilis and P. vulgaris Positive (purple) indicates P.

## **Major Unknown Report - San Diego Miramar College**

The lab instructor gave out an unknown labeled 124, which contained a gram positive bacterium and a gram negative bacterium. The techniques that were studied in the laboratory were applied to find the unknown.

## **Microbiology Unknown Lab Report | E. coli | Unknown Report**

Possibilities in Unknown was: Proteus vulgaris or Pseudomonas aeruginosa; Results of Simmon's Citrate Agar for gram negative slants were negative. The agar had no color change which showed the unknown bacteria did not produce citrate permease enzyme (1). Possibilities in Unknown was:

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Proteus vulgaris or Escherichia coli

## **Format for Microbiology Lab Paper | Unknown Lab Report**

Purpose: To identify an unknown bacterial specimen using basic laboratory technique and biochemical tests. The unknown bacteria will be one of the following: Enterococcus faecalis, Staphylococcus saprophyticus, Escherichia coli, Enterobacter aerogenes, Proteus vulgaris, Salmonella [I assume typhimurium], or Shigella [either flexneri or sonnei, we used both in our lab during the semester].

## **The Microbe Identification Lab Report | Loungekitten's Weblog**

Good to excellent, colorless colonies without bile precipitate indicative of Proteus vulgaris, Salmonella typhimurium, and Shigella spp. Motility Test Medium Intended Use. Used for detecting motility of microorganisms. Principle. Motility is apparent by the presence of diffuse growth away from the line of inoculation. Test Procedure

## **Culture Media - Microbiology Resource Center - Truckee ...**

Finally, upon performing the Urease test, and producing a positive result, it was certain that unknown organism #14 was Proteus vulgaris. This report aims to explain the tests that were performed and the conclusions that were drawn from each test in order to solve the identity of the unknown organism.

## **Micro- lab - Running Head Proteus vulgaris 1 Proteus ...**

Proteus Mirabilis Unknown Report Proteus mirabilis The genus Proteus, according to Bergey's Manual of Determinative Bacteriology, is a group of straight rod Gram negative bacteria around 0.4-0.8  $\mu\text{m}$  in diameter and 1-3  $\mu\text{m}$  in length In the microscopic test done, it was seen that the unknown culture contained rods that are on the shorter side, thus was identified as bacteria that

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appear to ...

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