

Alcaligenes Faecalis Unknown Bacteria Report

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Alcaligenes Faecalis Unknown Bacteria Report

Alcaligenes faecalis is an aerobic nonfermentative, oxidase-positive, nonencapsulated, gram-negative rod (1). It is so named for its ability to produce an alkaline reaction in certain media (2). A. faecalis is the most frequently isolated member of family Alcaligenaceae in the clinical laboratory. It is present in soil and water as well

Alcaligenes faecalis: an Unusual Cause of Skin and Soft ...

Alcaligenes faecalis-Bacillus Thii, white, spreading, viscous growth Gamma K - - - - - + + +/- -/- - + + Bacillus cereus + Bacillus ... Guide to the Identification of an Unknown Bacterium - Methods and Report Format pg. 4 Organism m e e a c s nt. s sk n. ns H 2 n e n y a. P e Klebsiella pneumoniae-Bacillus Translucent-creamy, mucoid ...

Identification of an Unknown Bacterium and Writing Up a Report

Unknown B or Enterococcus faecalis was isolated cultured and gram stained in the same fashion and timeline as E. coli. The gram stain was purple and upon magnification was staphylococcus. This allowed the ruling out of Bacillus cereus, Bacillus subtilis because they are rod gram positives, leaving Staphylococcus aureus, Staphylococcus epidermidis, and E. faecalis left to rule out.

Enterococcus faecalis | Micro Unknown Bacteria Report ...

1 The Microorganism Alcaligenes faecalis Unknown Report On Alcaligenes faecalis Britney Dardar Florida State College At Jacksonville. 2 The Microorganism Alcaligenes faecalis Abstract All around the world, there are different types of microorganisms living. A microorganism can be described as a microscopic organism, such as a bacterium, virus, or fungus.

Unknown Report.docx - 1 The Microorganism Alcaligenes ...

A final Blood Agar test displayed a negative result by showing partial to zero hemolysis of red blood cells indicating that the Gram positive unknown was Enterococcus faecalis. Simmons Citrate was inoculated by a single stab with the Gram negative rods and showed a positive result by the medium turning from green to blue.

Enterococcus faecalis (E. faecalis) | Unknown Micro Lab ...

Achromobacter and Alcaligenes spp. are opportunistic human pathogens causing sporadic cases of pneumonia, septicemia, peritonitis, urinary tract and other infections. 26-29 Achromobacter xylosoxidans and Alcaligenes faecalis are the most common isolates and agents of human disease in these genera, but little is known about factors promoting virulence.

Alcaligenes faecalis - an overview | ScienceDirect Topics

Under the microscope, the bacteria stained purple and had shapes like circles concluding that one of the unknown is a gram-positive cocci. With the professor's approval, the possible bacterium for gram-positive were staphylococcus aureus, staphylococcus epidermidis or enterococcus faecalis.

Micro Lab Report | Proteus vulgaris and Enterococcus faecalis

Unknown bacteria determined to be Alcaligenes faecalis because of its morphological, physiological and metabolic properties. In a laboratory setting, it often becomes necessary to identify an unknown organism.

Essay on Bacteria | Bartleby

This left three bacteria that the second unknown could be Staphylococcus aureus, Staphylococcus epidermidis, or Enterococcus faecalis. The next test performed was a Nitrate Test which gave a positive result. The two bacteria that give a positive result for this test are Staphylococcus aureus and Staphylococcus epidermidis.

Example of a Microbiology Unknown Lab Report

Start studying Micro lab final- ALL unknown bacteria. Learn vocabulary, terms, and more with flashcards, games, and other study tools. Search. Browse. ... 'Alcaligenes faecalis -Pseudomonas aeruginosa-Pseudomonas fluorescens. Rhodospirillum rubrum ... Bacteria category. 31 terms. kristinholle. Classes of bacteria. 29 terms.

Micro lab final- ALL unknown bacteria Flashcards | Quizlet

Alcaligenes faecalis is a species of Gram-negative, rod-shaped bacteria commonly found in the environment. It was originally named for its first discovery in feces, but was later found to be common in soil, water, and environments in association with humans. While opportunistic infections do occur, the bacterium is generally considered nonpathogenic. When an opportunistic infection does occur, it is usually observed in the form of a urinary tract infection.

Alcaligenes faecalis - Wikipedia

Based on the Manual of Determinative Bacteriology, all of the test results were confirming that my unknown bacteria is Alcaligenes faecalis. Genus Alcaligenes Rods, coccal rods, or cocci, x, usually occur singly. Resting stages are not known. Cells stain Gram negative.

Alcaligenes faecalis - Grade: B+ - LIU - StuDocu

A pure Gram Positive colony was grown from the original streak of Unknown Sample #118. Gram Stained and basic testing lead to the correct identification of Enterococcus faecalis. Also as noted in the Materials and Methods section, the identification of the Gram Negative bacteria of Unknown Sample #118 was incorrect multiple times.

How to Write a Microbiology Unknown Paper | Lab Report

The results of the gram negative tests lead to the identification of the bacteria Alcaligenes faecalis. The gram stain procedure was the first test performed by isolating a colony from the pure culture streak plate. The gram stain was followed orderly right from the referenced laboratory manual.

Alcaligenes Faecalis Lab Report - 1481 Words | Cram

View Notes - UnknownsReport - Alcaligenes faecalis from MIBO 3510L at University Of Georgia. UNKNOWNNS REPORT FORM Student: Jaime Checkley Lab TA/Time: Michael MW 4:40 Unknown #: A 1 Identification:

UnknownsReport - Alcaligenes faecalis - UNKNOWNS REPORT ...

This research paper "Alcaligenes Faecalis" investigates Alcaligenes faecalis and examines various aspects of the organism, its morphology and its StudentShare Our website is a unique platform where students can share their papers in a matter of giving an example of the work to be done.

Alcaligenes Faecalis Research Paper Example | Topics and ...

We hypothesized that the unknown organism was Alcaligenes faecalis, a motile Gram-negative bacillus that resides in water, soil, blood, urine, and feces (Herrera n.p.) It was first isolated in 1896 by Petruschky, who

Unknown Bacteria - 4145 Words | Bartleby

Start studying Microbiology Unknown Organism Lab Project Flashcards. Learn vocabulary, terms, and more with flashcards, games, and other study tools. ... Alcaligenes faecalis. 1.) Gram negative 2.) Rod 3.) Aerobic 4.) Motile 5.) Catalase Positive 6.) Oxidase Positive ... Enterococcus faecalis. 1. Gram positive 2. Cocci (look for chains) 3 ...