

Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications

Microorganism Name: Streptococcus pyogenes (group A)

Catalog Number: 0385 Lot Number: 385-145

Reference Number: ATCC® 19615™*

Purity: Pure

Passage from Reference: 3

Expiration Date: 2019/4/30

Release Information:

Quality Control Technologist: Kieshia L Negen

Release Date: 2017/5/18

Performance

Macroscopic Features:

Medium:

Two colony types, both are circular, convex, entire edge; one is medium & beta hemolytic, other is small and alpha hemolytic, turning to beta as culture **SBAP** ages.

Microscopic Features:

Gram positive cocci

Method:

Gram Stain (1)

ID System: MALDI-TOF

See attached ID System results document.

Other Features/ Challenges: Results

(1) Catalase(3% Hydrogen Peroxide): negative

Bacitracin differential: Sensitive

Amanda Kuperus Quality Control Manager **AUTHORIZED SIGNATURE**

Disclaimer: The last digit(s) of the lot number appearing on the product label and packing slip are merely a packaging event number. The lot number displayed on this certificate is the actual base lot

Note for Vitek®: Although the Vitek® panel uses many conventional tests, the unique environment of the card, combined with the short incubation period, may produce results that differ from published results obtained by other methods.

A Refer to the enclosed product insert for instructions, intended use and hazard/safety information.

Individual products are traceable to a recognized culture collection.

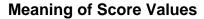


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These tests are accredited to ISO/IEC 17025:2005.

Bruker Daltonik MALDI Biotyper Classification Results





Range	Interpretation	Symbols	Color
2.00 - 3.00	High-confidence identification	(+++)	green
1.70 - 1.99	Low-confidence identification	(+)	yellow
0.00 - 1.69	No Organism Identification Possible	(-)	red

Meaning of Consistency Categories (A - C)

Category	Interpretation	
(A)	High consistency: The best match is a high-confidence identification. The second-best match is (1) a high-confidence identification in which the species is identical to the best match, (2) a low-confidence identification in which the species or genus is identical to the best match, or (3) a non-identification.	
(B)	Low consistency: The requirements for high consistency are not met. The best match is a high- or low-confidence identification. The second-best match is (1) a high- or low-confidence identification in which the genus is identical to the best match or (2) a non-identification.	
(C)	No consistency: The requirements for high or low consistency are not met.	

Sample Name: Streptococcus pyogenes (group A)

Sample Description: 0385 Sample ID: 385-145

Sample Creation Date/Time: 2017-05-11T15:36:22.457KN

Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

Sample Name	Sample ID	Organism (best match)	Score Value
C6 (+++) (A)	385-145	Streptococcus pyogenes	2.51

Comments:

Species canis / dysgalactiae / pyogenes of the genus Streptococcus have very similar patterns: Therefore distinguishing their species is difficult.