



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications

Microorganism Name: Bordetella bronchiseptica
Catalog Number: 0671
Lot Number: 671-81
Reference Number: ATCC® 4617™*
Purity: Pure
Passage from Reference: 3

Expiration Date: 2019/2/28

Release Information:

Quality Control Technologist: Kieshia L Negen

Release Date: 2017/5/3

Performance

Macroscopic Features:

Small to medium, gray-white, opaque colonies. Slightly spreading and rough / wrinkly in areas of heavier growth.

Medium:

Chocolate

Microscopic Features:

Gram negative rod to coccobacillary.

Method:

Gram Stain (1)

ID System: MALDI-TOF

See attached ID System results document.

Other Features/ Challenges: Results

(1) Oxidase (Kovacs): positive

Bordet Gengou Agar: good growth (1-2 days); smooth domed colonies

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 number.

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.

⚠ 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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(1) These tests are accredited to ISO/IEC 17025:2005.

TESTING CERT #2655.01



Meaning of Score Values

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: Bordetella bronchiseptica
 Sample Description: 0671
 Sample ID: 671-81
 Sample Creation Date/Time: 2017-04-19T16:18:15.383KN
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

Sample Name	Sample ID	Organism (best match)	Score Value
F2 (+++)(A)	671-81	Bordetella bronchiseptica	2.41

Comments:

Species bronchiseptica / pertussis / parapertussis of the genus Bordetella have very similar patterns: Therefore distinguishing their species is difficult.