



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Klebsiella pneumoniae Catalog Number: 01005 Lot Number: 1005-19 Reference Number: ATCC® BAA-1705™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 3	Expiration Date: 2018/6/30 Release Information: Quality Control Technologist: Tracy A Blenker Release Date: 2016/8/9
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Performance	
Macroscopic Features: Large, circular, convex, entire edge, light gray, glistening and mucoid. A SBAP second type that is flatter and less mucoid may be seen.	Medium:
Microscopic Features: Short, broad, straight, gram negative bacilli with rounded ends.	Method: Gram Stain (1)
ID System: MALDI-TOF See attached ID System results document.	Other Features/ Challenges: Results (1) Oxidase (Kovacs): negative Modified Hodge Test: positive  Brad Goskowicz, President AUTHORIZED SIGNATURE

Disclaimer: The last digit(s) of the lot number appearing on the packing slip is 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

Bruker Daltonik MALDI Biotyper Classification Results



Meaning of Score Values

Range	Description	Symbols	Color
2.300 ... 3.000	highly probable species identification	(+++)	green
2.000 ... 2.299	secure genus identification, probable species identification	(++)	green
1.700 ... 1.999	probable genus identification	(+)	yellow
0.000 ... 1.699	not reliable identification	(-)	red

Meaning of Consistency Categories (A – C)

Category	Description
A	Species Consistency: The best match was classified as 'green' (see above). Further 'green' matches are of the same species as the first one. Further 'yellow' matches are at least of the same genus as the first one.
B	Genus Consistency: The best match was classified as 'green' or 'yellow' (see above). Further 'green' or 'yellow' matches have at least the same genus as the first one. The conditions of species consistency are not fulfilled.
C	No Consistency: Neither species nor genus consistency (Please check for synonyms of names or microbial mixture).

Analyte Name: Klebsiella pneumoniae
 Analyte Description: 01005
 Analyte ID: 1005-19
 Analyte Creation Date/Time: 2016-08-01T10:25:31.343 TB
 Applied MSP Library(ies): Listeria, BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, IVD
 Applied Taxonomy Tree:

Rank(Quality)	Matched Pattern	ScoreValue	NCBIIdentifier
1(++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	2.154	72407
2(++)	Klebsiella pneumoniae RV_BA_03_B LBK	2.139	573
3(++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.109	72407
4(++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T_QC DSM	2.037	72407
5(+)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	1.984	72407
6(+)	Klebsiella pneumoniae RV_BA_03_B LBK	1.966	573
7(+)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	1.965	574
8(+)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	1.956	574
9(+)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	1.929	72407
10(+)	Klebsiella variicola DSM 15968T HAM	1.842	244366
11(+)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T_QC DSM	1.812	72407
12(+)	Klebsiella variicola DSM 15968T HAM	1.787	244366
13(+)	Klebsiella pneumoniae 37585 PFM	1.773	573
14(+)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	1.772	574
15(+)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	1.762	574
16(-)	Klebsiella pneumoniae 37924 PFM	1.621	573
17(-)	Klebsiella pneumoniae 37585 PFM	1.61	573
18(-)	Klebsiella pneumoniae ssp ozaenae CCM 5792T CCM	1.596	574

19(-)	Klebsiella pneumoniae ssp ozaenae CCM 5792T CCM	1.555	574
20(-)	Klebsiella pneumoniae 37595 PFM	1.374	573

Comments:

N/A