



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Staphylococcus aureus subsp. aureus Catalog Number: 0146 Lot Number: 146-29 Reference Number: ATCC® BAA-976™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 4	Expiration Date: 2018/5/31 Release Information: Quality Control Technologist: Christine Condon Release Date: 2016/7/18
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Performance	
Macroscopic Features: Large, circular, low convex, entire edge, white, glistening, beta hemolytic Microscopic Features: Gram positive cocci occurring singly, in pairs, and in irregular clusters	Medium: SBAP Method: Gram Stain (1)
ID System: MALDI-TOF See attached ID System results document.	Other Features/ Challenges: Results (1) Catalase (3% Hydrogen Peroxide): positive (1) Coagulase (rabbit plasma-tube): positive Clindamycin D test: negative VITEK 2 AST-GP Inducible Clindamycin Resistance: negative  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: Staphylococcus aureus subsp. aureus
 Analyte Description: 0146
 Analyte ID: 146-29
 Analyte Creation Date/Time: 2016-07-12T15:57:28.699 CC
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, IVD, Listeria
 Applied Taxonomy Tree:

Rank(Quality)	Matched Pattern	ScoreValue	NCBIIdentifier
1(++)	Staphylococcus aureus ATCC 33591 THL	2.066	1280
2(++)	Staphylococcus aureus ssp aureus DSM 346 DSM	2.061	46170
3(++)	Staphylococcus aureus ssp aureus DSM 799 DSM	2.023	46170
4(++)	Staphylococcus aureus ssp aureus DSM 3463 DSM	2.018	46170
5(++)	Staphylococcus aureus ATCC 29213 THL	2.015	1280
6(+)	Staphylococcus aureus ATCC 33862 THL	1.993	1280
7(+)	Staphylococcus aureus ssp aureus DSM 20231T DSM	1.99	46170
8(+)	Staphylococcus aureus ssp aureus DSM 20232 DSM	1.988	46170
9(+)	Staphylococcus aureus ssp aureus DSM 11822 DSM	1.958	46170
10(+)	Staphylococcus aureus ssp aureus DSM 4910 DSM	1.897	46170

Comments:

N/A