



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Staphylococcus aureus subsp. aureus Catalog Number: 0827 Lot Number: 827-200 Reference Number: ATCC® 6538P™* Purity: Pure Passage from Reference: 2	Expiration Date: 2019/1/31 Release Information: Quality Control Technologist: Mary L Bowman Release Date: 2017/3/31
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Performance	
Macroscopic Features: Medium to large, convex, pale yellow and some gold, creamy, opaque, beta hemolytic.	Medium: SBAP
Microscopic Features: Gram positive cocci occurring singly, in pairs and in irregular clusters.	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 (1) Beta Lactamase (Cefinase Disk): negative  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: Staphylococcus aureus subsp. aureus
 Sample Description: 0827
 Sample ID: 827-200
 Sample Creation Date/Time: 2017-03-22T13:57:43.640 MB
 Applied MSP Library(ies): BDAL, Mycobacteria Library (bead method), Filamentous Fungi Library 1.0, Listeria

Sample Name	Sample ID	Organism (best match)	Score Value
B11 (+++)(A)	827-200	Staphylococcus aureus	2.44

Comments:

N/A



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Specifications

Microorganism Name: Candida glabrata
Catalog Number: 0122
Lot Number: 122-27
Reference Number: ATCC® MYA-2950™*
Purity: Pure
Passage from Reference: 2

Expiration Date: 2019/7/31

Release Information:

Quality Control Technologist: Kieshia L Negen

Release Date: 2017/10/11

Performance

Macroscopic Features:

Large, circular, convex, entire edge, white, glistening

Microscopic Features:

Gram positive, oval, budding yeast cells

Medium:

SAB DEX EMMONS

Method:

Gram Stain (1)

ID System: Vitek YST (1)

See attached ID System results document.

Amanda Kuperus

Quality Control Manager

AUTHORIZED SIGNATURE

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bioMerieux Customer: 1012555
System #: 521711

Laboratory Report

Printed Oct 10, 2017 17:05 CDT
Printed by: kln

Isolate Group: 122-27

Bench: TB

Card Type: YST Testing Instrument: 000017919CE3 (15220)

Bionumber: 4000104000201110

Organism Quantity:

Comments:	

Identification Information		Card: YST	Lot Number: 243397610	Expires: Nov 2, 2017 13:00 CDT
		Completed: Oct 7, 2017 03:21 CDT	Status: Final	Analysis Time: 18.25 hours
Selected Organism		99% Probability Candida glabrata		
		Bionumber: 4000104000201110		Confidence: Excellent identification
SRF Organism				
Analysis Organisms and Tests to Separate:				
Analysis Messages:				
Contraindicating Typical Biopattern(s)				

Biochemical Details

3	LysA	-	4	IMLTa	-	5	LeuA	+	7	ARG	-	10	ERYa	-	12	GLYLa	-
13	TyrA	-	14	BNAG	-	15	ARBa	-	18	AMYa	-	19	dGALa	-	20	GENa	-
21	dGLUa	+	23	LACa	-	24	MAdGa	-	26	dCELa	-	27	GGT	-	28	dMALa	-
29	dRAFa	-	30	NAGA1	-	32	dMNEa	+	33	dMELa	-	34	dMLZa	-	38	ISBEa	-
39	IRHAa	-	40	XLTa	-	42	dSORa	-	44	SACa	-	45	URE	-	46	AGLU	-
47	dTURa	-	48	dTREa	+	49	NO3a	-	51	IARaA	-	52	dGATa	-	53	ESC	-
54	IGLTa	+	55	dXYLa	-	56	LATa	-	58	ACEa	+	59	CITa	-	60	GRTas	-
61	IPROa	+	62	2KGa	-	63	NAGa	-	64	dGNTa	-						

Installed VITEK 2 Systems Version: 07.01

MIC Interpretation Guideline:

AES Parameter Set Name:

Therapeutic Interpretation Guideline:

AES Parameter Last Modified:



Certificate of Analysis: Lyophilized Microorganism Specification and Performance Upon Release

Specifications Microorganism Name: Mycoplasma bovis Catalog Number: 01053 Lot Number: 1053-10 Reference Number: ATCC® 25025™* Purity: > 99.9% of Total Pellet CFU Passage from Reference: 3	Expiration Date: 2019/2/28 Release Information: Quality Control Technologist: Carol J Stanoch Release Date: 2017/5/4
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Performance	
Macroscopic Features: Growth can be noted macroscopically. Microscopically, colonies are circular, granular, and approximately 100-250 microns in diameter	Medium: Mycoplasma Agar
Microscopic Features: N/A	Method: N/A
ID System: MEI None See attached ID System results document.	Other Features/ Challenges: Results Mycoplasma Broth: growth evident as slight turbidity in the broth - growth upon subculture to Mycoplasma Agar  Amanda Kuperus Quality Control Manager AUTHORIZED SIGNATURE
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Molecular Epidemiology, Inc.

Sample Analysis Report



Laboratories & Consulting Group

F09/MB450/09

Customer ID Number	4081-3201	Sample Received	04/19/2017	MEI Report #	R17050230592-01	Date Reported	05/03/2017
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Customer Sample #	1053-10	Job ID	103552-4081-3201
Sample Type	Agar plate	Requested Service(s)	Phenotypic and Genetic Identification
Sample Source	n/a	Test Method(s)	MB450, MB457, MB473
Customer Comments	n/a		
MEI Sample #	106384-1		

Test	Test Results	
Basic ID	Bacterium	
Acridine Orange Stain	Positive	

Genetic ID	Comparisons to genetically similar microorganisms		Notes: None
Genetic Distance	Genus	Species	
0.0000	<i>Mycoplasma</i>	<i>bovis</i>	
0.0057	<i>Mycoplasma</i>	<i>agalactiae</i>	
0.0529	<i>Mycoplasma</i>	<i>primatum</i>	
0.0744	<i>Mycoplasma</i>	<i>opalescens</i>	
0.0801	<i>Mycoplasma</i>	<i>maculosum</i>	
0.0824	<i>Mycoplasma</i>	<i>leopharyngis</i>	
0.0866	<i>Mycoplasma</i>	<i>lipofaciens</i>	
0.0881	<i>Mycoplasma</i>	<i>felifaucium</i>	

Deviations	None
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Microbial ID Conclusion	<i>Mycoplasma bovis</i>
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Microbiology Review		Date: 05/03/2017
Genetics Review		Date: 05/03/2017
QC Approval		Date: 05/03/2017
QA Approval		Date: 05/03/2017

Reported By:	Gregory J. Ma, SM(AAM), MSPH	Molecular Epidemiology, Inc.
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This laboratory report relates only to the portion of the sample which was tested in this report. Interpretation of these results is the sole responsibility of the Customer.

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