

Specifications

Microorganism Name: Klebsiella oxytoca

Catalog Number: 0530

Lot Number: 530-13

Reference Number: ATCC® 13182™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 2

Expiration Date: 2018/9/30

Release Information: Quality Control Technologist: Christine Condon

Release Date: 2016/11/22

Performance

Macroscopic Features:

Large, circular, convex, entire edge, light gray, smooth and opaque.

Microscopic Features:

Short, fat, gram negative rods with rounded ends.

Medium:

SBAP Method:

Gram Stain (1)

ID System: MALDI-TOF

See attached ID System results document.

Other Features/ Challenges: Results

(1) Oxidase (Kovacs): negative

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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
Α	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.
В	Genus Consistency: The best match was classified as 'green' or 'yellow' (see above). Further 'green' or 'yellow'
Ь	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
С	mixture).

Analyte Name: Klebsiella oxytoca

Analyte Description: 0530 Analyte ID: 530-13

Analyte Creation Date/Time: 2016-11-18T15:34:35.556 CC

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

Applied Taxonomy Tree:

Analyte Name	Analyte ID	Organism (best match)	Score Value
<u>B6(+++)(C)</u>	530-13	Klebsiella oxytoca	2.442

Comments:

Klebsiella oxytoca and species ornithinolytica / planticola / terrigena of the genus Raoultella have very similar patterns: Therefore distinguishing their species is difficult.



Specifications

Microorganism Name: Pseudomonas aeruginosa

Catalog Number: 01009 Lot Number: 1009-15

Reference Number: ATCC® 9721™* Purity: > 99.9% of Total Pellet CFU Recovery: >1000 CFUs per pellet Passage from Reference: 4

Expiration Date: 2018/3/31

Release Information:

Medium:

SBAP

Quality Control Technologist: Christine Condon

Release Date: 2016/5/25

Performance

Macroscopic Features:

Two colony types are present. One type is medium, circular, convex, entire edge, and smooth. The second type is similar except it is umbonate and rougher in appearance. Both types are beta hemolytic and develop a silver sheen.

Microscopic Features:

Method: Small, slender gram negative rods with rounded ends; filamentous forms Gram Stain (1) may be present.

ID System: Vitek GN (1)

See attached ID System results document.

Other Features/ Challenges: Results

(1) Oxidase (Kovacs): positive Growth at 42 C: positive

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bioMerieux Customer: 1012555

Laboratory Report

Printed May 20, 2016 09:39 CDT

Printed by: cmc

Isolate Group: 1009 15-1 Bench: CC

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

Bionumber: 1003453103501252

Organism Quantity:

System #: 521711

<u> </u>	
Comments:	
Comments.	GN QC OK

Identification	Card:	ard: GN		241370540	Expires:	Feb 4, 2017 12:00 CST
Information	Completed:	May 19, 2016 22:38 CDT	ISTATUS: FINAL I		Analysis Time:	6.75 hours
	94% Probabi	lity	Pseudomo	nas aeruginos	sa	
Selected Organism	Bionumber:	1003453103501252			Confidence:	Very good identification
SRF Organism						
Analysis Organisms and T	ests to Separate) :				
Analysis Messages:						
Contraindicating Typical B	iopattern(s)					
Pseudomonas aeruginosa	APPA(1),					

Biod	chemical D	eta	ails														
2	APPA	+	3	ADO	-	4	PyrA	-	5	IARL	-	7	dCEL	-	9	BGAL	-
10	H2S	-	11	BNAG	-	12	AGLTp	-	13	dGLU	+	14	GGT	+	15	OFF	-
17	BGLU	-	18	dMAL	-	19	dMAN	+	20	dMNE	+	21	BXYL	-	22	BA l ap	+
23	ProA	+	26	LIP	+	27	PLE	-	29	TyrA	+	31	URE	-	32	dSOR	-
33	SAC	-	34	dTAG	-	35	dTRE	-	36	CIT	+	37	MNT	+	39	5KG	-
40	ILATk	+	41	AGLU	-	42	SUCT	+	43	NAGA	-	44	AGAL	-	45	PHOS	(-)
46	GlyA	+	47	ODC	-	48	LDC	-	53	IHISa	-	56	CMT	+	57	BGUR	-
58	O129R	+	59	GGAA	-	61	IMLTa	+	62	ELLM	-	64	ILATa	+			



Specifications

Microorganism Name: Staphylococcus saprophyticus

Catalog Number: 0134

Lot Number: 134-26

Reference Number: ATCC® BAA-750™* 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: 2016/7/21

Performance

Macroscopic Features:

Medium, circular, convex, entire edge, white, glistening

Microscopic Features:

Gram positive cocci singly, in pairs and tetrads

Medium:

SBAP Method:

Gram Stain (1)

ID System: Vitek GP (1)

See attached ID System results document.

Other Features/ Challenges: Results

- (1) Catalase (3% Hydrogen Peroxide): positive
- (1) Coagulase (rabbit plasma-tube): negative



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bioMerieux Customer: 1012555 System #: 521711

Laboratory Report

Printed Jul 19, 2016 12:44 CDT

Printed by: cmc

Isolate Group: 134-26 Bench: KN

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

Bionumber: 030000056670231 Organism Quantity:

0	
Comments:	GP QC OK

Identification	Card:	Card: GP Lot Number:		242385140	Expires:	Jun 30, 2017 13:00 CDT				
Information	Completed:	Jul 8, 2016 13:31 CDT	IStatus: Final I		Analysis Time:	5.00 hours				
0.1.4.10	99% Probabi	lity	Staphylococcus saprophyticus							
Selected Organism	Bionumber:	030000056670231			Confidence:	Excellent identification				
SRF Organism										
Analysis Organisms and T	ests to Separate	: :								
Analysis Messages:										
Contraindicating Typical Biopattern(s)										

Biod	chemical	De	tails														
2	AMY	_	4	PIPLC	-	5	dXYL	-	8	ADH1	+	9	BGAL	+	11	AGLU	-
13	APPA	-	14	CDEX	-	15	AspA	-	16	BGAR	-	17	AMAN	-	19	PHOS	-
20	LeuA	-	23	ProA	-	24	BGURr	-	25	AGAL	-	26	PyrA	-	27	BGUR]-]
28	AlaA	-	29	TyrA	-	30	dSOR	-	31	URE	+	32	POLYB	-	37	dGAL	+
38	dRIB	-	39	ILATk	+	42	LAC	+	44	NAG	-	45	dMAL	+	46	BACI	+
47	NOVO	+	50	NC6.5	+	52	dMAN	+	53	dMNE	-	54	MBdG	-	56	PUL]-]
57	dRAF	-	58	O129R	+	59	SAL	-	60	SAC	+	62	dTRE	+	63	ADH2s] -
64	ОРТО	+															



Specifications

Microorganism Name: Haemophilus influenzae (type c)

Catalog Number: 0185

Lot Number: 185-26

Reference Number: ATCC® 9007™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 4

Expiration Date: 2017/12/31

Release Information:

Quality Control Technologist: Marie M Howe

Release Date: 2016/2/4

Performance

Macroscopic Features:

Large, circular, low convex, entire edge, pale tan, glistening

Microscopic Features:

Gram negative short rods or coccobacilli; may show marked pleomorphism

Medium:

Chocolate

Method: Gram Stain (1)

ID System: Vitek NH (1)

See attached ID System results document.

Other Features/ Challenges: Results

V factor (Strips): negative X factor (Strips): negative X V factor (Strips): positive

(1) Beta Lactamase (Cefinase Disk): negative H. influenzae antiserum - Type c: positive

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bioMerieux Customer: 05871 System #: C21105

Laboratory Report

Printed Feb 4, 2016 08:11 CST Printed by: mmh

Report Version: 2 of 2

Isolate Group: 185-26 Bench: MH

Last Updated: Feb 4, 2016 08:10 CST By: mmh

Card Type: NH Testing Instrument: 00000A6D6328 (1116)

Bionumber: 5715040647
Organism Quantity:

Comments:

NH-QC OK 2/4/16 MH

Completed: 99% Probab Bionumber	US1	Status: Haemophil	Final us influenzae	Analysis Time: Confidence:	6.00 hours Excellent identification			
	,	Haemophil						
Bionumber	: 5715040647			Confidence:				
Tests to Separat	te:							
Analysis Messages: See product information for additional information.								
r	·	r additional information.	r additional information.	r additional information.	r additional information.			

Biod	chemical [Deta	ails														
1	ArgA	+	2	GGT	-	3	LysA	+	4	dGAL	+	5	LeuA	+	6	ELLM	+
7	PheA	+	8	ProA	-	10	PyrA	-	13	TyrA	+	15	APPA	-	18	dGLU	+
19	GLYG	-	20	dMNE	-	22	dMAL	-	28	SAC	-	33	NAG	-	36	URE	+
39	BGALi	-	40	ODC	-	41	AARA	-	45	PVATE	-	46	PHC	+	47	dMLT	+
51	MTE	-	52	IGLM	-	59	PHOS	+	61	dRIB2	+	62	OPS	+	64	dXYL	+



Specifications

Microorganism Name: Eikenella corrodens

Catalog Number: 0189

Lot Number: 189-27

Reference Number: ATCC® BAA-1152™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 4 Expiration Date: 2017/12/31

Release Information:

Quality Control Technologist: Marie M Howe

Release Date: 2016/2/10

Performance

Macroscopic Features:

Medium, circular, convex, entire edge, light tan, glistening, "bleach-like" odor; Chocolate as culture ages, margins flatten out.

Microscopic Features:

Gram negative straight rod with rounded ends.

Method:

Gram Stain (1)

Medium:

ID System: Vitek NH (1)

See attached ID System results document.

Other Features/ Challenges: Results

- (1) Oxidase (Kovacs): positive
- (1) Catalase (3% Hydrogen Peroxide): negative MacConkey Agar (AER/35 C/48 Hr): no growth



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bioMerieux Customer: 05871 System #: C21105

Laboratory Report

Printed Feb 5, 2016 07:35 CST

Printed by: mmh Report Version: 2 of 2

Isolate Group: 189-27 Bench: MH

Last Updated: Feb 5, 2016 07:35 CST By: mmh

Card Type: NH Testing Instrument: 00000A6D6328 (1116)

Bionumber: 0622002400 Organism Quantity:	
Commenter	
Comments:	NH-QC OK 2/5/16 MH

Identification	Card:	NH	Lot Number:	245361420	Expires:	Nov 5, 2016 13:00 CDT		
Information	Completed:	Feb 4, 2016 21:04 CST	Status: Final		Analysis Time:	6.00 hours		
	97% Probabi	lity	Eikenella corrodens					
Selected Organism	Bionumber:	0622002400			Confidence:	Excellent identification		
SRF Organism								
Analysis Organisms and T	ests to Separate) :						
Analysis Messages:								
Contraindicating Typical B	Siopattern(s)							
Eikenella corrodens	dMLT(16),							

Biod	chemical [Det	ails														
1	ArgA	-	2	GGT	-	3	LysA	-	4	dGAL	-	5	LeuA	+	6	ELLM	+
7	PheA	-	8	ProA	+	10	PyrA	-	13	TyrA	-	15	APPA	+	18	dGLU	-
19	GLYG	-	20	dMNE	-	22	dMAL	-	28	SAC	-	33	NAG	-	36	URE	-
39	BGALi	-	40	ODC	+	41	AARA	-	45	PVATE	-	46	PHC	-	47	dMLT	+
51	MTE	-	52	IGLM	-	59	PHOS	-	61	dRIB2	-	62	OPS	-	64	dXYL	-



Specifications

Microorganism Name: Shigella sonnei

Catalog Number: 0303

Lot Number: 303-85

Reference Number: ATCC® 25931™* 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: 2016/9/23

Performance

Macroscopic Features:

Medium:

Two colony types (both are large and can spread); circular, convex, light SBAP gray, smooth and other type is irregular, raised, darker gray, and rough, (spreads more than other colony type).

Microscopic Features: Gram negative straight rod Method:

Gram Stain (1)

ID System: Vitek GN (1)

See attached ID System results document.

Other Features/ Challenges: Results

(1) Oxidase (Kovacs): negative

Hektoen Enteric agar: good growth, colorless to blue-green colonies

Shigella Antiserum Poly Group D: positive

(1) Motility B Medium: negative

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bioMerieux Customer: 1012555

Laboratory Report

Printed Sep 21, 2016 12:31 CDT

Printed by: tab

Isolate Group: 303 85-1 Bench: TB

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

Bionumber: 0405611140563610

Organism Quantity:

System #: 521711

Commonto	
Comments:	

I dentification	า	Card:	GN	Lot Number:	241370540	Expires:	Feb 4, 2017 12:00 CST	
Information		Completed:	Sep 14, 2016 14:22 CDT	, 2016 14:22 Status: Final		Analysis Time:	5.00 hours	
0.1.1.0		99% Probabil	ity	Shigella so	nnei			
Selected Organism		Bionumber:	0405611140563610			Confidence:	Excellent identification	
SRF Organism		-						
Analysis Orgar	nisms and Test	ts to Separate	:					
Analysis Mess	ages:							
Confirm by sero	logical tests							
Contraindicatir	ng Typical Biop	oattern(s)						

Biod	chemical D	eta	ails														
2	APPA	-	3	ADO	-	4	PyrA	-	5	IARL	-	7	dCEL	-	9	BGAL	+
10	H2S	-	11	BNAG	-	12	AGLTp	-	13	dGLU	+	14	GGT	-	15	OFF	+
17	BGLU	_	18	dMAL	+	19	dMAN	+	20	dMNE	+	21	BXYL	-	22	BAlap	-
23	ProA	+	26	LIP	-	27	PLE	-	29	TyrA	+	31	URE	-	32	dSOR	-
33	SAC	_	34	dTAG	-	35	dTRE	+	36	CIT	-	37	MNT	-	39	5KG	-
40	ILATk	+	41	AGLU	-	42	SUCT	+	43	NAGA	-	44	AGAL	+	45	PHOS	+
46	GlyA	+	47	ODC	+	48	LDC	-	53	IHISa	-	56	CMT	+	57	BGUR	+
58	O129R	+	59	GGAA	·	61	IMLTa		62	ELLM	-	64	ILATa	-			

Installed VITEK 2 Systems Version: 07.01

MIC Interpretation Guideline: AES Parameter Set Name:

Therapeutic Interpretation Guideline: AES Parameter Last Modified:



Specifications

Microorganism Name: Citrobacter freundii

Catalog Number: 0315

Lot Number: 315-118

Reference Number: ATCC® 8090™* Purity: < 0.1% Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 4

Expiration Date: 2018/2/28

Release Information:

Quality Control Technologist: Marie M Howe

Release Date: 2016/3/28

Performance

Macroscopic Features: Medium:

SBAP Medium to large gray circular, convex, entire, translucent, glistening colonies Microscopic Features: Method:

Straight gram negative rods

ID System: Vitek GN (1)

See attached ID System results document.

Gram Stain (1)

Other Features/ Challenges: Results

(1) Oxidase (Kovacs): negative

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bioMerieux Customer: 1012555

Laboratory Report

System #: 521711

Printed Mar 24, 2016 15:29 CDT Printed by: jrh Report Version: 1 of 1

Isolate Group: 315 118-1 Bench: MH

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

Bionumber: 4617615555561211

Organism Quantity:

Comments	
Comments:	

Identification	Card:	GN	Lot Number:	241356410	Expires:	Sep 16, 2016 13:00 CDT
Information	Completed:	Mar 23, 2016 21:03 CDT	Status:	Final	Analysis Time:	5.00 hours
	95% Probabi	lity	Citrobacter			
Selected Organism	Bionumber:	4617615555561211			Confidence:	Very good identification
SRF Organism						
Analysis Organisms and To	ests to Separate	9 :				
Analysis Messages:						
Contraindicating Typical B	iopattern(s)					
Citrobacter freundii	PLE(9),dCEL	.(7),				

Biod	chemical D	eta	ails														
2	APPA	-	3	ADO	-	4	PyrA	+	5	IARL	_	7	dCEL	+	9	BGAL	+
10	H2S	+	11	BNAG	ī	12	AGLTp	-	13	dGLU	+	14	GGT	+	15	OFF	+
17	BGLU	-	18	dMAL	+	19	dMAN	+	20	dMNE	+	21	BXYL	-	22	BAlap	-
23	ProA	+	26	LIP	-	27	PLE	+	29	TyrA	+	31	URE	-	32	dSOR	+
33	SAC	+	34	dTAG	-	35	dTRE	+	36	CIT	+	37	MNT	-	39	5KG	+
40	ILATk	+	41	AGLU	-	42	SUCT	+	43	NAGA	-	44	AGAL	+	45	PHOS	+
46	GlyA	+	47	ODC	-	48	LDC	-	53	IHISa	-	56	CMT	+	57	BGUR	-
58	O129R	+	59	GGAA	-	61	IMLTa	-	62	ELLM	+	64	ILATa	-			



Specifications

Microorganism Name: Candida albicans

Catalog Number: 0332

Lot Number: 332-104

Reference Number: ATCC® 14053™* Purity: < 0.1% Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 2

Expiration Date: 2017/12/31

Release Information:

Quality Control Technologist: Tracy A Blenker

Release Date: 2016/2/22

Performance

Macroscopic Features:

Medium to large, white to cream, waxy, circular, convex, entire edge

Microscopic Features:

Gram positive, spherical, budding yeast cells

Medium:

PDA Method:

Gram Stain (1)

ID System: Vitek YST (1)

See attached ID System results document.

Other Features/ Challenges: Results

- (1) Germ Tube Test: positive
- (1) Chlamydospore production: positive



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bioMerieux Customer: 05871 System #: C21105

Laboratory Report

Printed Feb 10, 2016 07:33 CST

Printed by: tab Report Version: 1 of 1

Isolate Group: 332 104-1 Bench: TB

Card Type: YST Testing Instrument: 00000A6D6328 (1116)

Bionumber: 6102546065327371
Organism Quantity:

Comments:

Identification	Card:	YST	Lot Number:	243370420	Expires:	Feb 3, 2017 12:00 CST	
nformation	Completed:	Feb 10, 2016 05:56 CST	Status: Final		Analysis Time:	18.50 hours	
	99% Probabi	lity	Candida all	oicans			
Selected Organism	Bionumber:	6102546065327371			Confidence:	Exce ll ent identification	
SRF Organism							
Analysis Organisms and	Tests to Separate) :					
Analysis Messages:							
Contraindicating Typical	Biopattern(s)						

Biod	chemical [Det	ails														
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	+						



Specifications

Microorganism Name: Escherichia coli

Catalog Number: 0335

Lot Number: 335-184

Reference Number: ATCC® 25922™* Purity: > 99.9% of Total Pellet CFU Recovery: > 1000 CFUs per Pellet Passage from Reference: 4

Expiration Date: 2018/3/31 Release Information:

Quality Control Technologist: Tanner E Rothstein

Release Date: 2016/5/2

Performance

Macroscopic Features:

2 colony types, both are gray & beta hemolytic: one is circular to irregular, SBAP convex, slightly erose edge & smooth; other is larger, irregular, low convex, erose edge & rough

Medium:

Method:

Gram Stain (1)

Gram negative straight rod ID System: MALDI-TOF

Microscopic Features:

See attached ID System results document.

Other Features/ Challenges: Results

(1) Oxidase (Kovacs): negative

Beta-glucuronidase (E. coli Broth w/MUG): positive (1) Ampicillin (10 mcg - Disk Susceptibility): 16 - 22 mm

- (1) Gentamicin (10 mcg Disk Susceptibility): 19 26 mm
- (1) SXT (1.25/23.75 mcg Disk Susceptibility): 23 29 mm



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.

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



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
Α	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.
В	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
С	mixture).

Analyte Name: Escherichia coli

Analyte Description: 0335
Analyte ID: 335-184

Analyte Creation Date/Time: 2016-04-27T15:02:21.540 TR

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(+++)	Escherichia coli ATCC 25922 THL	2.468	<u>562</u>
2(+++)	Escherichia coli ATCC 25922 CHB	2.376	<u>562</u>
3(+++)	Escherichia coli DSM 682 DSM	2.329	<u>562</u>
4(++)	Escherichia coli DSM 1103_QC DSM	2.292	<u>562</u>
5(++)	Escherichia coli MB11464_1 CHB	2.234	<u>562</u>
6(++)	Escherichia coli DH5alpha BRL	2.217	<u>562</u>
7(++)	Escherichia coli RV412 A1 2010 06a LBK	2.216	<u>562</u>
8(++)	Escherichia coli Nissl VML	2.215	<u>562</u>
9(++)	Escherichia coli ESBL EA RSS 1528T CHB	2.187	<u>562</u>
10(++)	Escherichia coli DSM 1576 DSM	2.158	<u>562</u>



Specifications

Microorganism Name: Pseudomonas aeruginosa

Catalog Number: 0353

Lot Number: 353-260 Reference Number: ATCC® 27853™* Purity: > 99.9% of Total Pellet CFU

Recovery: > 1000 CFUs per Pellet Passage from Reference: 2

Expiration Date: 2018/11/30

Release Information:

Quality Control Technologist: Christine Condon

Release Date: 2016/12/5

Performance

Macroscopic Features: Medium:

Two colony types: Large, flat, circular to irregular shaped, gray with silver SBAP sheen(98%); And small and compact

Microscopic Features:

Straight or slightly curved gram negative rod

Method:

Gram Stain (1)

ID System: MALDI-TOF

See attached ID System results document.

Other Features/ Challenges: Results

- (1) Oxidase (Kovacs): positive
- (1) Motility B Medium: positive
- (1) Gentamicin (10 mcg Disk Susceptibility): 16 21 mm

Brad Goskowicz, President **AUTHORIZED SIGNATURE**

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Bruker Daltonik MALDI Biotyper Classification Results



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2.300 3.000	highly probable species identification	(+++)	green
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1.700 1.999	probable genus identification	(+)	yellow
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Meaning of Consistency Categories (A – C)

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	same species as the first one. Further 'yellow' matches are at least of the same genus as the first one.
В	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.
С	No Consistency: Neither species nor genus consistency (Please check for synonyms of names or microbial
	mixture).

Analyte Name: Pseudomonas aeruginosa

Analyte Description: 0353 Analyte ID: 353-260

Analyte Creation Date/Time: 2016-11-29T13:36:38.952 KN/CC

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

Applied Taxonomy Tree:

Analyte Name	Analyte ID	Organism (best match)	Score Value
<u>E1(+++)(A)</u>	353-260	Pseudomonas aeruginosa	2.501

Comments:

N/A		