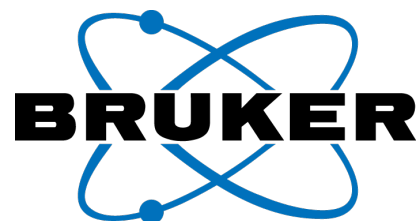


Bruker MALDI Biotyper Identification Results



Run Info:

Run Identifier: 210108-1214-10184
Comment:
Operator: maldi@FLEX-PC
Run Creation Date/Time: 2021-01-08T12:17:59.513
Number of Tests: 9
Type: Standard
BTS-QC: not present
BTS-QC Position:
Instrument ID: 269944.01064
Server Version: 4.1.100 (PYTH) 174 2019-06-158_01-16-09

Result Overview

Sample Name	Sample ID	Organism (best match)	Score Value	Organism (second-best match)	Score Value
F11 (+++)(A)	* A 295 (Standard)	Klebsiella pneumoniae	2.36	Klebsiella pneumoniae	2.30
F12 (+++)(A)	* A 323 (Standard)	Klebsiella pneumoniae	2.37	Klebsiella pneumoniae	2.33
G1 (+++)(A)	* C 131 (Standard)	Klebsiella pneumoniae	2.41	Klebsiella pneumoniae	2.34
G2 (+++)(A)	* C 351 (Standard)	Klebsiella pneumoniae	2.33	Klebsiella pneumoniae	2.26
G3 (+++)(A)	* C 352 (Standard)	Klebsiella pneumoniae	2.29	Klebsiella pneumoniae	2.28
G4 (+++)(A)	* C 355 (Standard)	Klebsiella variicola	2.43	Klebsiella variicola	2.41
G5 (+++)(A)	* C 356 (Standard)	Klebsiella pneumoniae	2.41	Klebsiella pneumoniae	2.41

Result overview table--continued on next page

<i>Result overview table--continued from previous page</i>					
Sample Name	Sample ID	Organism (best match)	Score Value	Organism (second-best match)	Score Value
G6 (+++)(A)	* C 392 (Standard)	Klebsiella pneumoniae	2.41	Klebsiella pneumoniae	2.40
G7 (+++)(A)	* C 423 (Standard)	Klebsiella variicola	2.47	Klebsiella variicola	2.45

Matching Hints

Matched Pattern	Comment
Klebsiella aerogenes 15282_1 CHB	synonym of Enterobacter aerogenes
Klebsiella pneumoniae 37585 PFM	closely related to Klebsiella variicola
Klebsiella pneumoniae 37595 PFM	closely related to Klebsiella variicola
Klebsiella pneumoniae RV_BA_03_B LBK	closely related to Klebsiella variicola
Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	closely related to Klebsiella variicola
Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	closely related to Klebsiella variicola
Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	closely related to Klebsiella variicola
Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	closely related to Klebsiella variicola
Klebsiella pneumoniae ssp pneumoniae DSM 30104T_QC DSM	closely related to Klebsiella variicola
Klebsiella pneumoniae ssp rhinoscleromatis DSM 16231T HAM	closely related to Klebsiella variicola
Klebsiella variicola 150416_01 BRUS	closely related to Klebsiella pneumoniae
Klebsiella variicola 150519_01 SAH	closely related to Klebsiella pneumoniae
Klebsiella variicola 150519_03 SAH	closely related to Klebsiella pneumoniae
Klebsiella variicola 37924 PFM	closely related to Klebsiella pneumoniae
Klebsiella variicola CC_2053 MCW	closely related to Klebsiella pneumoniae
<i>Matching Hints table--continued on next page</i>	

<i>Matching Hints table--continued from previous page</i>	
Matched Pattern	Comment
Klebsiella variicola CC_2123 MCW	closely related to Klebsiella pneumoniae
Klebsiella variicola DSM 15968T DSM	closely related to Klebsiella pneumoniae
Klebsiella variicola NY_1064 MCW	closely related to Klebsiella pneumoniae
Klebsiella variicola NY_1125 MCW	closely related to Klebsiella pneumoniae
Klebsiella variicola TC_4131 MCW	closely related to Klebsiella pneumoniae

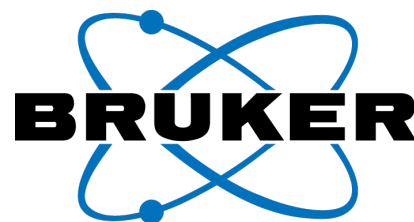
Meaning of Score Values

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.

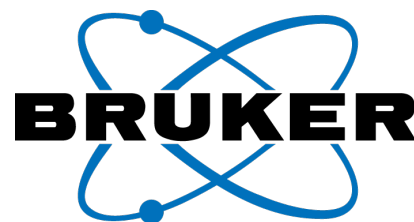
Sample 1



Sample Name: F11
Sample Description:
Sample ID: * A 295
Sample Creation Date/Time: 2021-01-08T12:17:59.517
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoExecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.36	72407
2 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T QC DSM	2.30	72407
3 (+++)	Klebsiella pneumoniae RV_BA_03_B LBK	2.23	573
4 (+++)	Klebsiella pneumoniae 37585 PFM	2.18	573
5 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	2.17	72407
6 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	2.09	574
7 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	2.07	574
8 (+++)	Klebsiella pneumoniae ssp rhinoscleromatis DSM 16231T HAM	2.04	39831
9 (+)	Klebsiella pneumoniae 37595 PFM	1.91	573
10 (+)	Klebsiella aerogenes 15282_1 CHB	1.83	28451

Sample 2



Sample Name: F12
Sample Description:
Sample ID: * A 323
Sample Creation Date/Time: 2021-01-08T12:17:59.518
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoXecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.37	72407
2 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	2.33	574
3 (+++)	Klebsiella pneumoniae RV_BA_03_B LBK	2.26	573
4 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T_QC DSM	2.26	72407
5 (+++)	Klebsiella pneumoniae 37585 PFM	2.22	573
6 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	2.18	574
7 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	2.17	72407
8 (+++)	Klebsiella variicola 150416_01 BRUS	2.09	244366
9 (+++)	Klebsiella pneumoniae 37595 PFM	2.07	573
10 (+++)	Klebsiella variicola 150519_03 SAH	2.06	244366

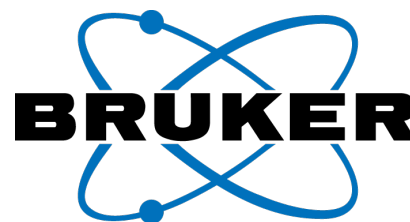
Sample 3



Sample Name: G1
Sample Description:
Sample ID: * C 131
Sample Creation Date/Time: 2021-01-08T12:17:59.518
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoXecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.41	72407
2 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T QC DSM	2.34	72407
3 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	2.33	574
4 (+++)	Klebsiella pneumoniae RV_BA_03_B LBK	2.28	573
5 (+++)	Klebsiella pneumoniae 37585 PFM	2.22	573
6 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	2.22	574
7 (+++)	Klebsiella variicola 150519_03 SAH	2.13	244366
8 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	2.10	72407
9 (+++)	Klebsiella pneumoniae 37595 PFM	2.08	573
10 (+++)	Klebsiella variicola 150416_01 BRUS	2.07	244366

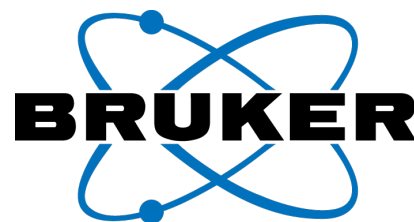
Sample 4



Sample Name: G2
Sample Description:
Sample ID: * C 351
Sample Creation Date/Time: 2021-01-08T12:17:59.518
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoXecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

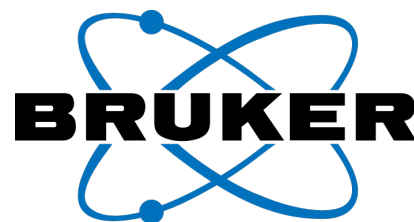
Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T_QC DSM	2.33	72407
2 (+++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.26	72407
3 (+++)	Klebsiella pneumoniae 37585 PFM	2.19	573
4 (+++)	Klebsiella pneumoniae ssp rhinoscleromatis DSM 16231T HAM	2.14	39831
5 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	2.13	574
6 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	2.11	574
7 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	2.09	72407
8 (+++)	Klebsiella pneumoniae RV_BA_03_B_LBK	2.09	573
9 (+++)	Klebsiella pneumoniae 37595 PFM	2.06	573
10 (+)	Klebsiella variicola 150519_03 SAH	1.94	244366

Sample 5



Sample Name: G3
Sample Description:
Sample ID: * C 352
Sample Creation Date/Time: 2021-01-08T12:17:59.519
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoXecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

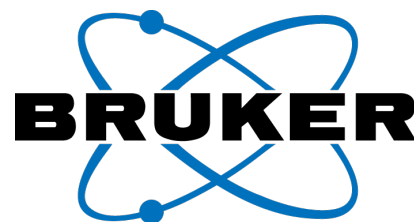
Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T_QC DSM	2.29	72407
2 (+++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.28	72407
3 (+++)	Klebsiella pneumoniae 37585 PFM	2.21	573
4 (+++)	Klebsiella variicola 150416_01 BRUS	2.18	244366
5 (+++)	Klebsiella pneumoniae ssp rhinoscleromatis DSM 16231T HAM	2.17	39831
6 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	2.17	574
7 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	2.15	72407
8 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	2.14	574
9 (+++)	Klebsiella pneumoniae RV_BA_03_B LBK	2.13	573
10 (+++)	Klebsiella variicola 150519_03 SAH	2.10	244366

Sample 6

Sample Name: G4
Sample Description:
Sample ID: * C 355
Sample Creation Date/Time: 2021-01-08T12:17:59.520
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoXecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

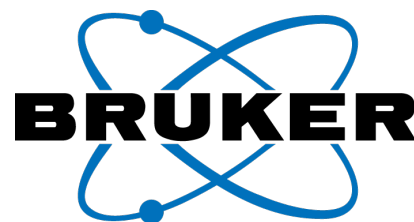
Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella variicola DSM 15968T DSM	2.43	244366
2 (+++)	Klebsiella variicola CC 2053 MCW	2.41	244366
3 (+++)	Klebsiella variicola 150519_03 SAH	2.37	244366
4 (+++)	Klebsiella variicola 150416_01 BRUS	2.35	244366
5 (+++)	Klebsiella variicola TC 4131 MCW	2.34	244366
6 (+++)	Klebsiella variicola NY 1125 MCW	2.32	244366
7 (+++)	Klebsiella variicola 37924 PFM	2.30	244366
8 (+++)	Klebsiella variicola NY 1064 MCW	2.29	244366
9 (+++)	Klebsiella variicola CC 2123 MCW	2.27	244366
10 (+++)	Klebsiella variicola 150519_01 SAH	2.18	244366

Sample 7



Sample Name: G5
Sample Description:
Sample ID: * C 356
Sample Creation Date/Time: 2021-01-08T12:17:59.520
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoXecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

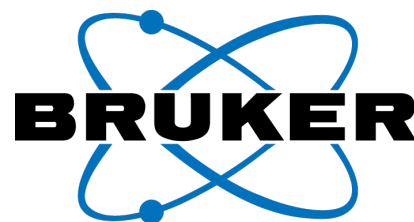
Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.44	72407
2 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T QC DSM	2.41	72407
3 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	2.39	574
4 (+++)	Klebsiella pneumoniae 37585 PFM	2.38	573
5 (+++)	Klebsiella pneumoniae RV BA 03 B LBK	2.38	573
6 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	2.34	72407
7 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	2.28	574
8 (+++)	Klebsiella pneumoniae 37595 PFM	2.19	573
9 (+++)	Klebsiella variicola 150416_01 BRUS	2.16	244366
10 (+++)	Klebsiella variicola 150519_03 SAH	2.02	244366

Sample 8

Sample Name: G6
Sample Description:
Sample ID: * C 392
Sample Creation Date/Time: 2021-01-08T12:17:59.520
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoXecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.41	72407
2 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T QC DSM	2.40	72407
3 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T HAM	2.39	574
4 (+++)	Klebsiella pneumoniae 37585 PFM	2.38	573
5 (+++)	Klebsiella pneumoniae RV BA 03 B LBK	2.34	573
6 (+++)	Klebsiella pneumoniae ssp pneumoniae DSM 30104T HAM	2.33	72407
7 (+++)	Klebsiella pneumoniae ssp ozaenae DSM 16358T DSM	2.22	574
8 (+++)	Klebsiella pneumoniae ssp rhinoscleromatis DSM 16231T HAM	2.19	39831
9 (+++)	Klebsiella pneumoniae 37595 PFM	2.15	573
10 (+++)	Klebsiella variicola 37924 PFM	2.15	244366

Sample 9



Sample Name: G7
Sample Description:
Sample ID: * C 423
Sample Creation Date/Time: 2021-01-08T12:17:59.521
Sample Type: Standard
Identification Method: MALDI Biotyper MSP Identification Standard Method 1.1
Preprocessing Method: MALDI Biotyper Preprocessing Standard Method 1.1
ACQ Method: D:\Methods\flexControlMethods\MBT_FC.par
AutoXecute Method: MBT_AutoX
Consistency Category (based on 2 best matches): A
Applied Taxonomy Tree: Bruker Taxonomy

Rank (Quality)	Matched Pattern	Score Value	NCBI Identifier
1 (+++)	Klebsiella variicola DSM 15968T DSM	2.47	244366
2 (+++)	Klebsiella variicola CC 2053 MCW	2.45	244366
3 (+++)	Klebsiella variicola 150519_03 SAH	2.41	244366
4 (+++)	Klebsiella variicola 150416_01 BRUS	2.41	244366
5 (+++)	Klebsiella variicola 37924 PFM	2.34	244366
6 (+++)	Klebsiella variicola NY_1125 MCW	2.33	244366
7 (+++)	Klebsiella variicola TC_4131 MCW	2.33	244366
8 (+++)	Klebsiella variicola CC_2123 MCW	2.32	244366
9 (+++)	Klebsiella variicola NY_1064 MCW	2.28	244366
10 (+++)	Klebsiella pneumoniae ssp pneumoniae 9295_1 CHB	2.24	72407