

Title: Evaluating the Autof MS2600 vs. Biotyper Sirius MALDI-TOF MS: A Head-to-Head Study for Routine Microbial Identification in a University Clinical Microbiology Laboratory

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Supplementary Table 1. Repeatability results for *E. coli* and *S. aureus* strains on the Autof MS2600.

<u>Repeatability</u>	<u><i>E. coli</i></u>	<u>Score</u>	<u><i>S. aureus</i></u>	<u>Score</u>
1	<i>E. coli</i>	9,534	<i>S. aureus</i>	6,94
2	<i>E. coli</i>	9,508	<i>S. aureus</i>	7,355
3	<i>E. coli</i>	9,529	<i>S. aureus</i>	9,3
4	<i>E. coli</i>	9,488	<i>S. aureus</i>	8,004
5	<i>E. coli</i>	9,515	<i>S. aureus</i>	9,595
6	<i>E. coli</i>	9,458	<i>S. aureus</i>	8,788
7	<i>E. coli</i>	9,587	<i>S. aureus</i>	9,272
8	<i>E. coli</i>	9,577	<i>S. aureus</i>	8,861
9	<i>E. coli</i>	9,448	<i>S. aureus</i>	8,719
10	<i>E. coli</i>	9,542	<i>S. aureus</i>	9,013
11	<i>E. coli</i>	9,495	<i>S. aureus</i>	8,791
12	<i>E. coli</i>	9,335	<i>S. aureus</i>	9,006
13	<i>E. coli</i>	9,45	<i>S. aureus</i>	8,399
14	<i>E. coli</i>	9,551	<i>S. aureus</i>	9,351
15	<i>E. coli</i>	9,183	<i>S. aureus</i>	9,507
16	<i>E. coli</i>	9,484	<i>S. aureus</i>	9,002
17	<i>E. coli</i>	9,503	<i>S. aureus</i>	9,19
18	<i>E. coli</i>	9,304	<i>S. aureus</i>	6,234
19	<i>E. coli</i>	9,44	<i>S. aureus</i>	9,359
20	<i>E. coli</i>	9,559	<i>S. aureus</i>	9,205
21	<i>E. coli</i>	9,269	<i>S. aureus</i>	6,957
22	<i>E. coli</i>	9,399	<i>S. aureus</i>	8,612
23	<i>E. coli</i>	9,298	<i>S. aureus</i>	8,769
24	<i>E. coli</i>	9,393	<i>S. aureus</i>	9,105
25	<i>E. coli</i>	9,505	<i>S. aureus</i>	9,171
26	<i>E. coli</i>	9,444	<i>S. aureus</i>	9,212
27	<i>E. coli</i>	9,528	<i>S. aureus</i>	7,558
28	<i>E. coli</i>	9,394	<i>S. aureus</i>	7,402
29	<i>E. coli</i>	9,423	<i>S. aureus</i>	7,019
30	<i>E. coli</i>	9,499	<i>S. aureus</i>	8,796

Supplementary Table 2. Reproducibility results over 12 days for *E. coli* and *S. aureus* strains on the Autof MS2600.

<u>Reproducibility</u>	<u><i>E. coli</i></u>	<u>Score Best deposit</u>	<u>Score Deposit 2</u>	<u><i>S. aureus</i></u>	<u>Score Best deposit</u>	<u>Score Deposit 2</u>
J1	<i>E. coli</i>	9,48	9,3	<i>S. aureus</i>	9,004	7,288
J2	<i>E. coli</i>	9,304	9,231	<i>S. aureus</i>	9,303	9,273
J3	<i>E. coli</i>	8,661	8,114	<i>S. aureus</i>	9,388	5,873
J4	<i>E. coli</i>	9,537	9,524	<i>S. aureus</i>	9,388	9,219
J5	<i>E. coli</i>	9,418	9,127	<i>S. aureus</i>	9,231	9,162
J6	<i>E. coli</i>	9,502	9,023	<i>S. aureus</i>	9,138	7,207
J7	<i>E. coli</i>	9,225	9,209	<i>S. aureus</i>	6,454	5,905
J8	<i>E. coli</i>	9,684	9,500	<i>S. aureus</i>	9,280	9,133
J9	<i>E. coli</i>	9,562	9,337	<i>S. aureus</i>	9,109	7,238
J10	<i>E. coli</i>	9,271	9,029	<i>S. aureus</i>	9,290	5,895
J11	<i>E. coli</i>	9,482	8,378	<i>S. aureus</i>	9,064	8,696
J12	<i>E. coli</i>	9,473	9,430	<i>S. aureus</i>	8,822	8,288