

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 4. Statistical comparison of MALDI-TOF MS results between the Autof MS2600 and the Biotyper Sirius, considering only the first spot from both systems.

Type of isolates (number of isolates)	ID ^a	% Correctly identified (Autof MS2600 against Biotyper Sirius)	p value (McNemar Test)
Routine (n=1006)	1	88.0 % VS 94.3%	<0,0001
	1+2	97.0% VS 98.1 %	0.0817
	3	2.8% VS 1.9%	0.1508
Gram negative (n=587)	1	93.0 VS 93.3 %	0.8638
Gram positive (n=410)	1	81.7% VS 96.1%	<0.0001
Yeasts (n=9)	1	44.4% VS 77.7%	0.1336

^aID, identification; 1, correct identification of genus and species; 2, correct identification of genus; 3, no identification.