

1 **Laboratory evaluation of a rapid diagnostic test for dairy mastitis**

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3 DC Speksnijder, HC Verduijn, S van Haren, T Ussing and T van Werven

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5 SUPPLEMENTARY FILE

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7 **Table S1:** Test results of bacteriological culture (reference) and the BACT mastitis test
 8 (**BACT**) and distribution of mastitis-causing pathogens performed on 155 milk samples from
 9 dairy cows with acute clinical mastitis.

Result	Classification	Species	Bacteriological culture		BACT test (%)	
			no.	%	no.	%
No growth			31	20,0%	42	27,1%
Growth			124	80,0%	113	72,9%
	Gram positive		55	35,5%	60	38,7%
		<i>Enterococcus</i> spp.	1	0,6%		
		<i>Staphylococcus</i> spp.	1	0,6%		
		<i>Staphylococcus aureus</i>	11	7,1%		
		<i>Staphylococcus non aureus</i>	6	3,9%		
		<i>Streptococcus dysgalactiae</i>	8	5,2%		
		<i>Streptococcus uberis</i>	19	12,3%		
		Other <i>Streptococcus</i> spp.	4	2,6%		
		<i>Trueperella pyogenes</i>	5	3,2%		
	Gram negative		48	31,0%	39	25,2%
		<i>Escherichia coli</i>	42	27,1%		
		<i>Klebsiella</i> spp.	5	3,2%		
		Other Gram negatives	1	0,6%		
	Mixed infection		20	12,9%		
	Other		2	1,3%		
	<u>Blue/yellow</u> <u>result*</u>				14	9,0%
Total			155		155	

10 * No distinct decolourization to blue or yellow

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