

Table S1. Specificity of the *C. psittaci* and *C. pecorum* LAMP assays

Sample	Host	Site	Time to amplify	Melt	qPCR copies/ul
<i>C. psittaci</i> cultured isolates					
CR009 cul.	Parrot	Beak	6.45	84.33	7.1x10 ⁴
HoRe swab cul.	Human	Throat swab	5.15	84.58	1x10 ⁶
Sz cul.	Human	Throat swab	8.15	84.63	8.6x10 ³
Po An cul.	Human	Throat swab	7.15	84.58	1.2x10 ⁶
HoRe sp.cul.	Human	Sputum	5.00	84.39	8x10 ⁶
Fr Da cul.	Human	Throat swab	6.45	84.54	1.4x10 ⁶
Horse_pl cul.	Horse	Placental tissue	10.30	84.53	143
CR394 cul.	Parrot	Eye	10.30	84.08	27
Fa An cul.	Human	Throat swab	7.30	84.27	2.3x10 ⁴
H2	Human	Throat swab	8.15	84.26	4x10 ⁴
H4	Human	Throat swab	8.30	84.32	2.1x10 ⁶
C5	Human	Throat swab	7.45	83.57	7x10 ⁴
<i>C. pecorum</i> cultured isolates					
Marsbar G	Koala	UGT	13.15	83.20	1.5x10 ⁶
A5		Bladder	12.30	83.68	2.3x10 ⁶
A7		Eye	13.30	83.44	1.6x10 ⁶
A11		Eye	16.15	83.35	6x10 ⁴
A13		Cloaca	13.45	83.40	4.1x10 ⁶
A2		UGT	11.30	83.43	9.8x10 ⁶
PM13		Urethra	14.18	83.62	6.7x10 ⁴
IPA	Sheep	Joint	13.15	83.33	1x10 ⁶
W73		Feces	17.45	83.93	4.5x10 ³
JP157		Feces	13.30	83.27	3.9x10 ⁶
AB10		Placenta	20.15	83.50	1.3x10 ³
E58	Cattle	Brain	13.45	83.62	1x10 ⁶
66P130		Feces	12.15	83.38	8.6x10 ⁶
LW679		Joint	12.00	83.48	7.5x10 ⁶
L14		Lung	13.15	83.53	3x10 ⁵
1920Brz	Pig	Lung	12.45	83.53	4.4x10 ⁶
HsLuRz		Lung	13.45	83.49	1.1x10 ⁶
L40		Lung	13.00	83.44	1.1x10 ⁶
Specificity of the assays against other bacteria					
	<i>C. pecorum</i> LAMP		<i>C. psittaci</i> LAMP		
Sample	Time to amplify	Melt	Time to amplify	Melt	
<i>C. pecorum</i> M:	13.15	83.20			
<i>C. psittaci</i> CR009			6.45	84.33	
<i>C. pneumoniae</i>	Nil		Nil		
<i>C. suis</i> S45	Nil		Nil		
<i>C. abortus</i>	Nil		Nil		
<i>C. trachomatis</i>	Nil		Nil		
<i>C. murridarum</i> I	Nil		Nil		
<i>C. caviae</i> GPIC	Nil		Nil		
Uncultured Chl	Nil		Nil		
<i>Escherichia coli</i>	Nil		Nil		
<i>Enterococcus</i> fr	Nil		Nil		
<i>Fusobacterium</i>	Nil		Nil		
<i>Prevotella bivia</i>	Nil		Nil		
<i>Staphylococcus</i>	Nil		Nil		
<i>Streptococcus</i> :	Nil		Nil		
Human DNA	Nil		Nil		