

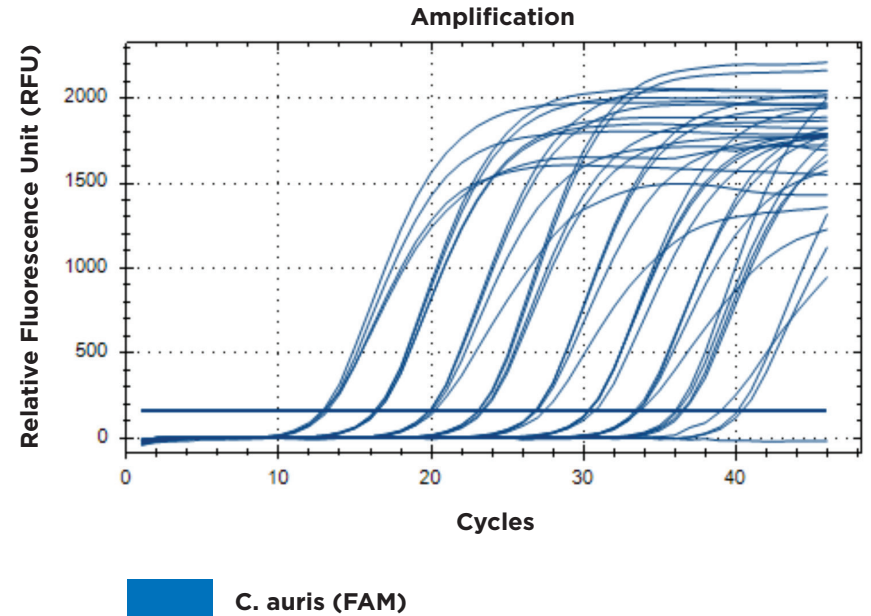
TEST RUN 1 - C. diff (FAM) probe

- Tested for C.diff at 10⁸ copies/ul to 1 copy/ul and RPP30 at 10² copies/ul.
- Expected result: signals at increasing orders of Cq for FAM (Blue) and similar Cq for VIC (Green).

C. diff LoD

Well	Fluor	Target	Content	Sample	Cq	Mean	Cq Std. Dev
A04	FAM	C.diff	Pos Ctrl	10 ⁸	12.96	13.04	0.14
B04	FAM	C.diff	Pos Ctrl	10 ⁸	13.21		
C04	FAM	C.diff	Pos Ctrl	10 ⁸	13.09		
D04	FAM	C.diff	Pos Ctrl	10 ⁸	12.89		
E04	FAM	C.diff	Pos Ctrl	10 ⁷	16.51	16.42	0.1
F04	FAM	C.diff	Pos Ctrl	10 ⁷	16.49		
G04	FAM	C.diff	Pos Ctrl	10 ⁷	16.3		
H04	FAM	C.diff	Pos Ctrl	10 ⁷	16.37		
A05	FAM	C.diff	Pos Ctrl	10 ⁶	20.26	20.05	0.16
B05	FAM	C.diff	Pos Ctrl	10 ⁶	20.09		
C05	FAM	C.diff	Pos Ctrl	10 ⁶	19.93		
D05	FAM	C.diff	Pos Ctrl	10 ⁶	19.94		
E05	FAM	C.diff	Pos Ctrl	10 ⁵	23.14	23.26	0.17
F05	FAM	C.diff	Pos Ctrl	10 ⁵	23.11		
G05	FAM	C.diff	Pos Ctrl	10 ⁵	23.34		
H05	FAM	C.diff	Pos Ctrl	10 ⁵	23.45		
A06	FAM	C.diff	Pos Ctrl	10 ⁴	27.48	27.05	0.3
B06	FAM	C.diff	Pos Ctrl	10 ⁴	27.01		
C06	FAM	C.diff	Pos Ctrl	10 ⁴	26.83		
D06	FAM	C.diff	Pos Ctrl	10 ⁴	26.87		
E06	FAM	C.diff	Pos Ctrl	10 ³	30.37	30.47	0.2
F06	FAM	C.diff	Pos Ctrl	10 ³	30.78		
G06	FAM	C.diff	Pos Ctrl	10 ³	30.41		
H06	FAM	C.diff	Pos Ctrl	10 ³	30.33		
A07	FAM	C.diff	Pos Ctrl	10 ²	33.73	33.58	0.13
B07	FAM	C.diff	Pos Ctrl	10 ²	33.61		
C07	FAM	C.diff	Pos Ctrl	10 ²	33.41		
D07	FAM	C.diff	Pos Ctrl	10 ²	33.57		
E07	FAM	C.diff	Pos Ctrl	10 ¹	36.08	36.34	0.24
F07	FAM	C.diff	Pos Ctrl	10 ¹	36.6		
G07	FAM	C.diff	Pos Ctrl	10 ¹	36.48		
H07	FAM	C.diff	Pos Ctrl	10 ¹	36.2		
A08	FAM	C.diff	Pos Ctrl	10 ⁰	39.08	39.89	0.72
B08	FAM	C.diff	Pos Ctrl	10 ⁰	*		
C08	FAM	C.diff	Pos Ctrl	10 ⁰	40.45		
D08	FAM	C.diff	Pos Ctrl	10 ⁰	40.15		

*No Cq observed within 45 cycles.



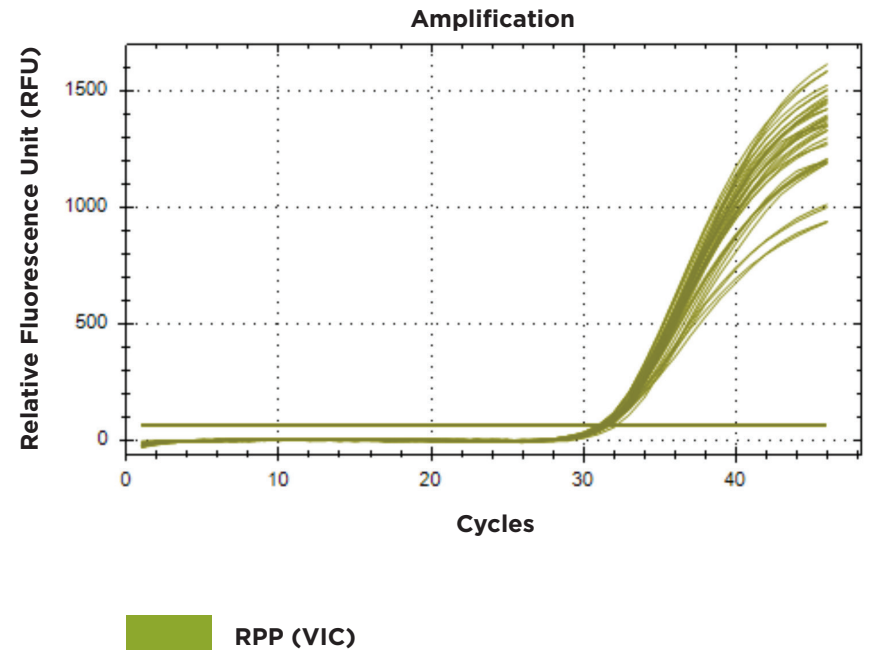
*Clostridioides difficile

TEST RUN 1 - C. diff (VIC) probe

- Tested for C.diff at 10⁸ copies/ul to 1 copy/ul and RPP30 at 10² copies/ul.
- Expected result: signals at increasing orders of Cq for FAM (Blue) and similar Cq for VIC (Green).

C. diff LoD

Well	Fluor	Target	Content	Sample	Cq	Mean	Cq Std. Dev
A04	VIC	RPP	Pos Ctrl	10 ⁸	31.65	31.42	0.17
B04	VIC	RPP	Pos Ctrl	10 ⁸	31.42		
C04	VIC	RPP	Pos Ctrl	10 ⁸	31.27		
D04	VIC	RPP	Pos Ctrl	10 ⁸	31.34		
E04	VIC	RPP	Pos Ctrl	10 ⁷	31.22	31.15	0.14
F04	VIC	RPP	Pos Ctrl	10 ⁷	30.97		
G04	VIC	RPP	Pos Ctrl	10 ⁷	31.28		
H04	VIC	RPP	Pos Ctrl	10 ⁷	31.12		
A05	VIC	RPP	Pos Ctrl	10 ⁶	31.41	31.28	0.18
B05	VIC	RPP	Pos Ctrl	10 ⁶	31.43		
C05	VIC	RPP	Pos Ctrl	10 ⁶	31.03		
D05	VIC	RPP	Pos Ctrl	10 ⁶	31.24		
E05	VIC	RPP	Pos Ctrl	10 ⁵	31.13	31.26	0.17
F05	VIC	RPP	Pos Ctrl	10 ⁵	31.12		
G05	VIC	RPP	Pos Ctrl	10 ⁵	31.28		
H05	VIC	RPP	Pos Ctrl	10 ⁵	31.49		
A06	VIC	RPP	Pos Ctrl	10 ⁴	31.53	31.36	0.19
B06	VIC	RPP	Pos Ctrl	10 ⁴	31.51		
C06	VIC	RPP	Pos Ctrl	10 ⁴	31.12		
D06	VIC	RPP	Pos Ctrl	10 ⁴	31.30		
E06	VIC	RPP	Pos Ctrl	10 ³	31.84	31.62	0.18
F06	VIC	RPP	Pos Ctrl	10 ³	31.42		
G06	VIC	RPP	Pos Ctrl	10 ³	31.70		
H06	VIC	RPP	Pos Ctrl	10 ³	31.53		
A07	VIC	RPP	Pos Ctrl	10 ²	31.57	31.70	0.33
B07	VIC	RPP	Pos Ctrl	10 ²	32.19		
C07	VIC	RPP	Pos Ctrl	10 ²	31.43		
D07	VIC	RPP	Pos Ctrl	10 ²	31.63		
E07	VIC	RPP	Pos Ctrl	10 ¹	31.74	31.57	0.15
F07	VIC	RPP	Pos Ctrl	10 ¹	31.52		
G07	VIC	RPP	Pos Ctrl	10 ¹	31.39		
H07	VIC	RPP	Pos Ctrl	10 ¹	31.64		
A08	VIC	RPP	Pos Ctrl	10 ⁰	31.55	31.55	0.11
B08	VIC	RPP	Pos Ctrl	10 ⁰	31.69		
C08	VIC	RPP	Pos Ctrl	10 ⁰	31.55		
D08	VIC	RPP	Pos Ctrl	10 ⁰	31.41		



*Clostridioides difficile

TEST RUN 2 - Positive Control run (Tested with PPNC01-12 Positive Control 10⁴ C .diff + 10⁴ RPP).

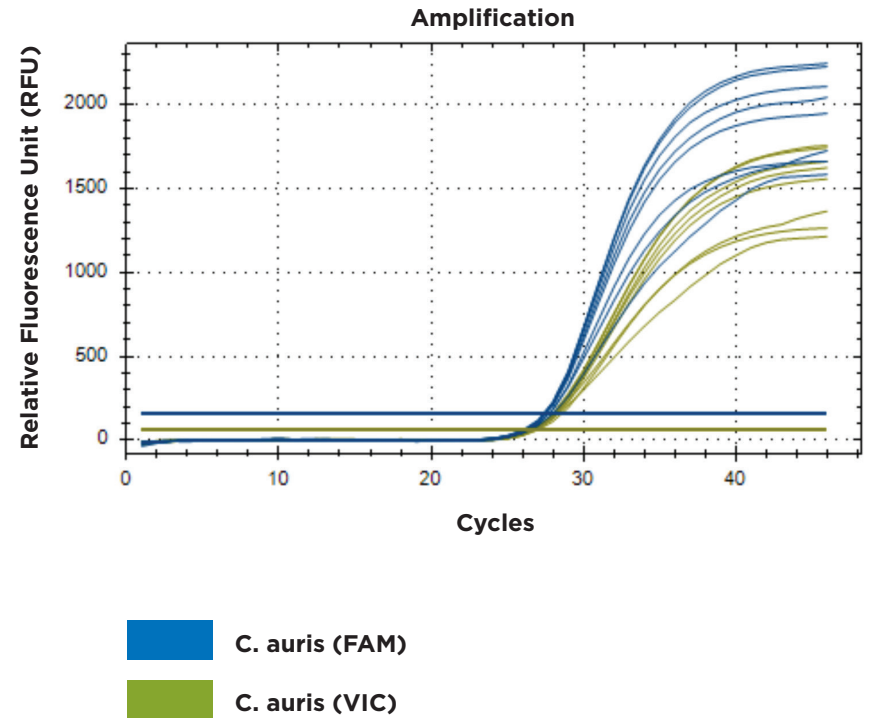
- Expected result - signals for both FAM (Blue) & VIC (Green) at similar Cq.

C. diff Positive Control (FAM)

Well	Fluor	Target	Content	Sample	Cq	Mean	Cq Std. Dev
A02	FAM	C.diff	Pos Ctrl	Pos Ctrl	28.06	27.63	0.224
B02	FAM	C.diff	Pos Ctrl	Pos Ctrl	27.77		
C02	FAM	C.diff	Pos Ctrl	Pos Ctrl	27.80		
D02	FAM	C.diff	Pos Ctrl	Pos Ctrl	27.47		
E02	FAM	C.diff	Pos Ctrl	Pos Ctrl	27.41		
F02	FAM	C.diff	Pos Ctrl	Pos Ctrl	27.60		
G02	FAM	C.diff	Pos Ctrl	Pos Ctrl	27.45		
H02	FAM	C.diff	Pos Ctrl	Pos Ctrl	27.53		

C. diff Positive Control (VIC)

Well	Fluor	Target	Content	Sample	Cq	Mean	Cq Std. Dev
A02	VIC	RPP	Pos Ctrl	PosCtrl	26.75	26.81	0.172
B02	VIC	RPP	Pos Ctrl	PosCtrl	26.82		
C02	VIC	RPP	Pos Ctrl	PosCtrl	27.10		
D02	VIC	RPP	Pos Ctrl	PosCtrl	26.65		
E02	VIC	RPP	Pos Ctrl	PosCtrl	26.60		
F02	VIC	RPP	Pos Ctrl	PosCtrl	27.01		
G02	VIC	RPP	Pos Ctrl	PosCtrl	26.72		
H02	VIC	RPP	Pos Ctrl	PosCtrl	26.84		



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