sam_2026-01-29_07-39-06_CFX96-VIPERIN-02.pcrd

01/29/2026 13:38

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-29_07-39-06_CFX96-VIPERIN-02.pcrd
Data File Path: C:\Users\Samb\Desktop\qPCR-polyIC
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 01/29/2026 07:39
Run User: sam
Run Type: User-defined
Plate File: mgig-02-VIPERIN-polyIC-valentina-cfx-plate.pltd
ID:
Notes: VIPERIN - Primer SRIDs 1828 and 1829
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: CC009827
Optical Head Serial Number: 785BR3659

Protocol

1: 95.0°C for 0:30
2: 95.0°C for 0:03
3: 60.0°C for 0:05
Plate Read
4: GOTO 2, 39 more times
5: Melt Curve 65.0°C to 95.0°C: Increment 0.5°C 0:05
Plate Read

Plate Display

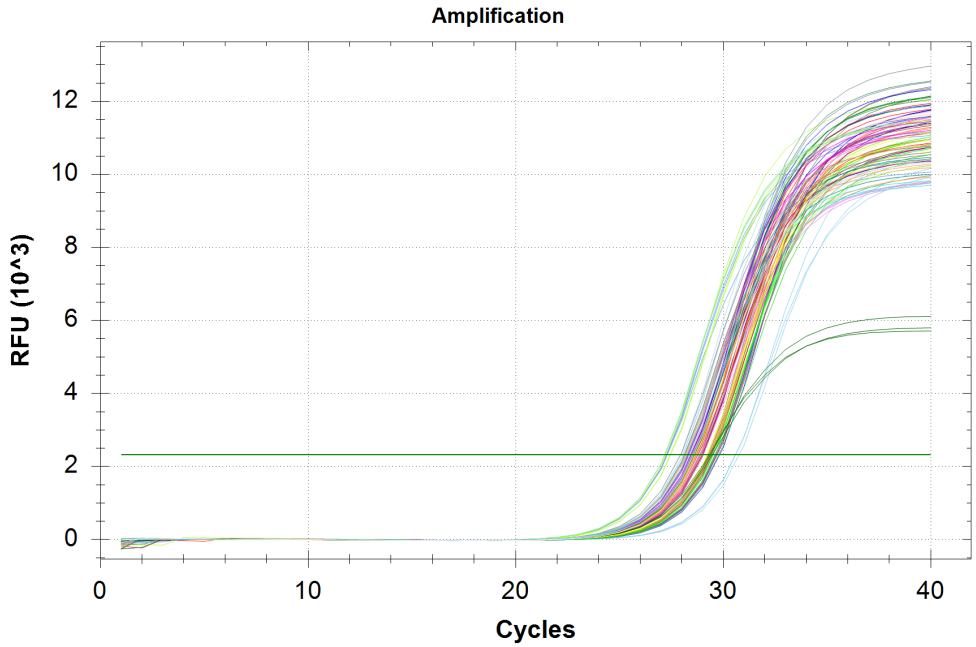
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 VIPERIN C3M	Unk-1 VIPERIN C3M	Unk-1 VIPERIN C3M	Unk-2 VIPERIN C4M	Unk-2 VIPERIN C4M	Unk-2 VIPERIN C4M	Unk-3 VIPERIN C5M	Unk-3 VIPERIN C5M	Unk-3 VIPERIN C5M	Unk-4 VIPERIN D1M	Unk-4 VIPERIN D1M	Unk-4 VIPERIN D1M
B	Unk-5 VIPERIN D2M	Unk-5 VIPERIN D2M	Unk-5 VIPERIN D2M	Unk-6 VIPERIN D3M	Unk-6 VIPERIN D3M	Unk-6 VIPERIN D3M	Unk-7 VIPERIN D4M	Unk-7 VIPERIN D4M	Unk-7 VIPERIN D4M	Unk-8 VIPERIN D5M	Unk-8 VIPERIN D5M	Unk-8 VIPERIN D5M
C	Unk-9 VIPERIN A1T	Unk-9 VIPERIN A1T	Unk-9 VIPERIN A1T	Unk-10 VIPERIN A2T	Unk-10 VIPERIN A2T	Unk-10 VIPERIN A2T	Unk-11 VIPERIN A3T	Unk-11 VIPERIN A3T	Unk-11 VIPERIN A3T	Unk-12 VIPERIN A4T	Unk-12 VIPERIN A4T	Unk-12 VIPERIN A4T
D	Unk-13 VIPERIN A5T	Unk-13 VIPERIN A5T	Unk-13 VIPERIN A5T	Unk-14 VIPERIN B1T	Unk-14 VIPERIN B1T	Unk-14 VIPERIN B1T	Unk-15 VIPERIN B2T	Unk-15 VIPERIN B2T	Unk-15 VIPERIN B2T	Unk-16 VIPERIN B3T	Unk-16 VIPERIN B3T	Unk-16 VIPERIN B3T

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
E	Unk-17 VIPERIN B4T	Unk-17 VIPERIN B4T	Unk-17 VIPERIN B4T	Unk-18 VIPERIN B5T	Unk-18 VIPERIN B5T	Unk-18 VIPERIN B5T	Unk-19 VIPERIN C1T	Unk-19 VIPERIN C1T	Unk-19 VIPERIN C1T	Unk-20 VIPERIN C2T	Unk-20 VIPERIN C2T	Unk-20 VIPERIN C2T
F	Unk-21 VIPERIN C3T	Unk-21 VIPERIN C3T	Unk-21 VIPERIN C3T	Unk-22 VIPERIN C4T	Unk-22 VIPERIN C4T	Unk-22 VIPERIN C4T	Unk-23 VIPERIN C5T	Unk-23 VIPERIN C5T	Unk-23 VIPERIN C5T	Unk-24 VIPERIN D1T	Unk-24 VIPERIN D1T	Unk-24 VIPERIN D1T
G	Unk-25 VIPERIN D2T	Unk-25 VIPERIN D2T	Unk-25 VIPERIN D2T	Unk-26 VIPERIN D3T	Unk-26 VIPERIN D3T	Unk-26 VIPERIN D3T	Unk-27 VIPERIN D4T	Unk-27 VIPERIN D4T	Unk-27 VIPERIN D4T	Unk-28 VIPERIN D5T	Unk-28 VIPERIN D5T	Unk-28 VIPERIN D5T
H	Unk-29 VIPERIN C1PC	Unk-29 VIPERIN C1PC	Unk-29 VIPERIN C1PC	Unk-30 VIPERIN C2PC	Unk-30 VIPERIN C2PC	Unk-30 VIPERIN C2PC	Unk-31 VIPERIN C3PC	Unk-31 VIPERIN C3PC	Unk-31 VIPERIN C3PC	Unk-32 VIPERIN D1PC	Unk-32 VIPERIN D1PC	Unk-32 VIPERIN D1PC

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2316.35, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	VIPERIN	Unkn-01	C3M	29.43	29.34	0.086
A02	SYBR	VIPERIN	Unkn-01	C3M	29.32	29.34	0.086
A03	SYBR	VIPERIN	Unkn-01	C3M	29.26	29.34	0.086
A04	SYBR	VIPERIN	Unkn-02	C4M	29.65	29.72	0.088
A05	SYBR	VIPERIN	Unkn-02	C4M	29.82	29.72	0.088
A06	SYBR	VIPERIN	Unkn-02	C4M	29.70	29.72	0.088
A07	SYBR	VIPERIN	Unkn-03	C5M	29.42	29.57	0.136
A08	SYBR	VIPERIN	Unkn-03	C5M	29.60	29.57	0.136

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A09	SYBR	VIPERIN	Unkn-03	C5M	29.69	29.57	0.136
A10	SYBR	VIPERIN	Unkn-04	D1M	27.25	27.27	0.021
A11	SYBR	VIPERIN	Unkn-04	D1M	27.28	27.27	0.021
A12	SYBR	VIPERIN	Unkn-04	D1M	27.30	27.27	0.021
B01	SYBR	VIPERIN	Unkn-05	D2M	27.43	27.37	0.122
B02	SYBR	VIPERIN	Unkn-05	D2M	27.45	27.37	0.122
B03	SYBR	VIPERIN	Unkn-05	D2M	27.23	27.37	0.122
B04	SYBR	VIPERIN	Unkn-06	D3M	28.76	28.58	0.150
B05	SYBR	VIPERIN	Unkn-06	D3M	28.50	28.58	0.150
B06	SYBR	VIPERIN	Unkn-06	D3M	28.49	28.58	0.150
B07	SYBR	VIPERIN	Unkn-07	D4M	28.50	28.57	0.115
B08	SYBR	VIPERIN	Unkn-07	D4M	28.51	28.57	0.115
B09	SYBR	VIPERIN	Unkn-07	D4M	28.70	28.57	0.115
B10	SYBR	VIPERIN	Unkn-08	D5M	29.27	29.33	0.057
B11	SYBR	VIPERIN	Unkn-08	D5M	29.34	29.33	0.057
B12	SYBR	VIPERIN	Unkn-08	D5M	29.39	29.33	0.057
C01	SYBR	VIPERIN	Unkn-09	A1T	28.55	28.43	0.115
C02	SYBR	VIPERIN	Unkn-09	A1T	28.44	28.43	0.115
C03	SYBR	VIPERIN	Unkn-09	A1T	28.32	28.43	0.115
C04	SYBR	VIPERIN	Unkn-10	A2T	29.23	29.29	0.079
C05	SYBR	VIPERIN	Unkn-10	A2T	29.28	29.29	0.079
C06	SYBR	VIPERIN	Unkn-10	A2T	29.38	29.29	0.079
C07	SYBR	VIPERIN	Unkn-11	A3T	29.25	29.26	0.032
C08	SYBR	VIPERIN	Unkn-11	A3T	29.24	29.26	0.032
C09	SYBR	VIPERIN	Unkn-11	A3T	29.30	29.26	0.032
C10	SYBR	VIPERIN	Unkn-12	A4T	29.51	29.50	0.014
C11	SYBR	VIPERIN	Unkn-12	A4T	29.49	29.50	0.014
C12	SYBR	VIPERIN	Unkn-12	A4T	29.49	29.50	0.014
D01	SYBR	VIPERIN	Unkn-13	A5T	29.36	29.13	0.201
D02	SYBR	VIPERIN	Unkn-13	A5T	29.03	29.13	0.201
D03	SYBR	VIPERIN	Unkn-13	A5T	29.00	29.13	0.201
D04	SYBR	VIPERIN	Unkn-14	B1T	28.58	28.60	0.014
D05	SYBR	VIPERIN	Unkn-14	B1T	28.60	28.60	0.014
D06	SYBR	VIPERIN	Unkn-14	B1T	28.61	28.60	0.014
D07	SYBR	VIPERIN	Unkn-15	B2T	28.86	28.62	0.213
D08	SYBR	VIPERIN	Unkn-15	B2T	28.47	28.62	0.213
D09	SYBR	VIPERIN	Unkn-15	B2T	28.53	28.62	0.213
D10	SYBR	VIPERIN	Unkn-16	B3T	28.51	28.52	0.051
D11	SYBR	VIPERIN	Unkn-16	B3T	28.58	28.52	0.051
D12	SYBR	VIPERIN	Unkn-16	B3T	28.48	28.52	0.051
E01	SYBR	VIPERIN	Unkn-17	B4T	29.00	28.95	0.068
E02	SYBR	VIPERIN	Unkn-17	B4T	28.87	28.95	0.068
E03	SYBR	VIPERIN	Unkn-17	B4T	28.98	28.95	0.068
E04	SYBR	VIPERIN	Unkn-18	B5T	28.71	28.80	0.110
E05	SYBR	VIPERIN	Unkn-18	B5T	28.92	28.80	0.110
E06	SYBR	VIPERIN	Unkn-18	B5T	28.77	28.80	0.110
E07	SYBR	VIPERIN	Unkn-19	C1T	28.04	28.01	0.073
E08	SYBR	VIPERIN	Unkn-19	C1T	28.06	28.01	0.073
E09	SYBR	VIPERIN	Unkn-19	C1T	27.93	28.01	0.073

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E10	SYBR	VIPERIN	Unkn-20	C2T	28.54	28.45	0.142
E11	SYBR	VIPERIN	Unkn-20	C2T	28.53	28.45	0.142
E12	SYBR	VIPERIN	Unkn-20	C2T	28.29	28.45	0.142
F01	SYBR	VIPERIN	Unkn-21	C3T	28.79	28.70	0.085
F02	SYBR	VIPERIN	Unkn-21	C3T	28.67	28.70	0.085
F03	SYBR	VIPERIN	Unkn-21	C3T	28.63	28.70	0.085
F04	SYBR	VIPERIN	Unkn-22	C4T	27.18	27.18	0.008
F05	SYBR	VIPERIN	Unkn-22	C4T	27.18	27.18	0.008
F06	SYBR	VIPERIN	Unkn-22	C4T	27.17	27.18	0.008
F07	SYBR	VIPERIN	Unkn-23	C5T	28.26	28.33	0.081
F08	SYBR	VIPERIN	Unkn-23	C5T	28.32	28.33	0.081
F09	SYBR	VIPERIN	Unkn-23	C5T	28.42	28.33	0.081
F10	SYBR	VIPERIN	Unkn-24	D1T	29.36	29.27	0.080
F11	SYBR	VIPERIN	Unkn-24	D1T	29.21	29.27	0.080
F12	SYBR	VIPERIN	Unkn-24	D1T	29.23	29.27	0.080
G01	SYBR	VIPERIN	Unkn-25	D2T	30.57	30.64	0.100
G02	SYBR	VIPERIN	Unkn-25	D2T	30.75	30.64	0.100
G03	SYBR	VIPERIN	Unkn-25	D2T	30.59	30.64	0.100
G04	SYBR	VIPERIN	Unkn-26	D3T	28.12	28.06	0.105
G05	SYBR	VIPERIN	Unkn-26	D3T	27.94	28.06	0.105
G06	SYBR	VIPERIN	Unkn-26	D3T	28.13	28.06	0.105
G07	SYBR	VIPERIN	Unkn-27	D4T	29.77	29.67	0.089
G08	SYBR	VIPERIN	Unkn-27	D4T	29.60	29.67	0.089
G09	SYBR	VIPERIN	Unkn-27	D4T	29.64	29.67	0.089
G10	SYBR	VIPERIN	Unkn-28	D5T	28.16	28.19	0.034
G11	SYBR	VIPERIN	Unkn-28	D5T	28.23	28.19	0.034
G12	SYBR	VIPERIN	Unkn-28	D5T	28.19	28.19	0.034
H01	SYBR	VIPERIN	Unkn-29	C1PC	29.03	28.94	0.085
H02	SYBR	VIPERIN	Unkn-29	C1PC	28.87	28.94	0.085
H03	SYBR	VIPERIN	Unkn-29	C1PC	28.90	28.94	0.085
H04	SYBR	VIPERIN	Unkn-30	C2PC	29.31	29.38	0.076
H05	SYBR	VIPERIN	Unkn-30	C2PC	29.37	29.38	0.076
H06	SYBR	VIPERIN	Unkn-30	C2PC	29.46	29.38	0.076
H07	SYBR	VIPERIN	Unkn-31	C3PC	28.27	28.27	0.104
H08	SYBR	VIPERIN	Unkn-31	C3PC	28.16	28.27	0.104
H09	SYBR	VIPERIN	Unkn-31	C3PC	28.37	28.27	0.104
H10	SYBR	VIPERIN	Unkn-32	D1PC	28.73	28.67	0.105
H11	SYBR	VIPERIN	Unkn-32	D1PC	28.72	28.67	0.105
H12	SYBR	VIPERIN	Unkn-32	D1PC	28.54	28.67	0.105

QC Parameters

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
Negative control with a Cq less than	38	True		False	
NTC with a Cq less than	38	True		False	
NRT with a Cq less than	38	True		False	
Positive control with a Cq greater than	30	True		False	
Unknown without a Cq	N/A	True		False	
Standard without a Cq	N/A	True		False	
Efficiency greater than	110.0	True			
Efficiency less than	90.0	True			
Std Curve R^2 less than	0.980	True			
Replicate group Cq Std Dev greater than	0.50	True		False	