



# sam\_2024-12-12\_08-32-31\_Connect-VIPERIN-03.pcrd

12/12/2024 22:38

## Report Information

User: BioRad/sam  
Data File Name: sam\_2024-12-12\_08-32-31\_Connect-VIPERIN-03.pcrd  
Data File Path: C:\Users\Samb\Downloads\lifestage-pcrs  
Well Group Name: All Wells  
Report Differs from Last Save: No

## Run Setup

### Run Information

Run Date: 12/12/2024 08:32  
Run User: sam  
Run Type: User-defined  
Plate File: cgig-VIPERIN-cfx-plate-03.pltd  
ID:  
Notes:  
Sample Volume: 20  
Temperature Control Mode: Calculated  
Lid Temperature: 105  
Base Serial Number: BR006896  
Optical Head Serial Number: 788BR07000

### 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

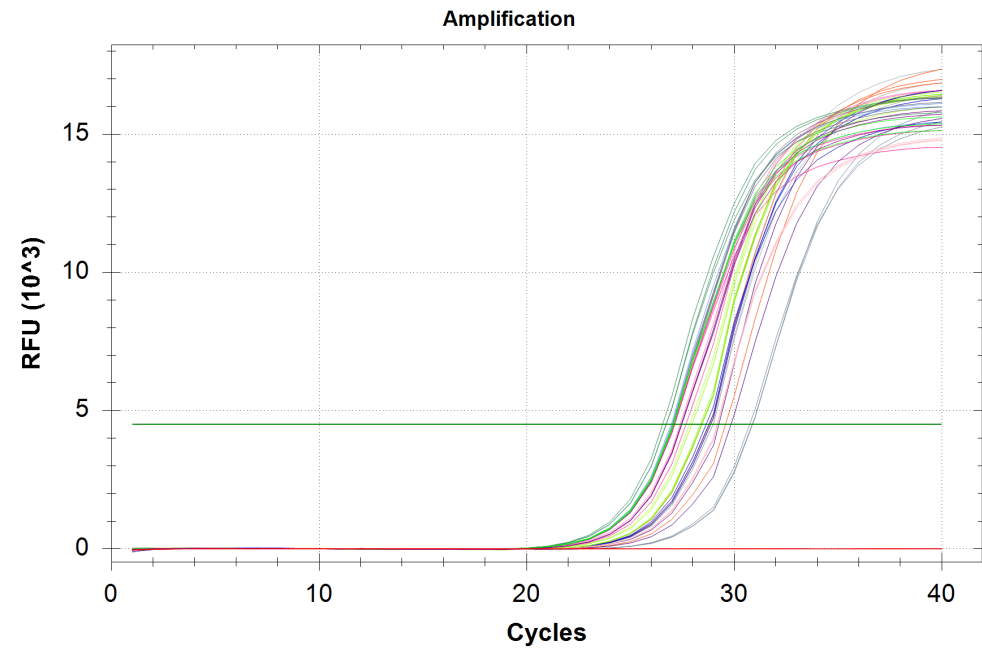
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 Cg_VIPERI N_F/R (SR IDs: 1828/9) 351	Unk-1 Cg_VIPERI N_F/R (SR IDs: 1828/9) 351	Unk-1 Cg_VIPERI N_F/R (SR IDs: 1828/9) 351	Unk-2 Cg_VIPERI N_F/R (SR IDs: 1828/9) 353	Unk-2 Cg_VIPERI N_F/R (SR IDs: 1828/9) 353	Unk-2 Cg_VIPERI N_F/R (SR IDs: 1828/9) 353	Unk-3 Cg_VIPERI N_F/R (SR IDs: 1828/9) 355	Unk-3 Cg_VIPERI N_F/R (SR IDs: 1828/9) 355	Unk-3 Cg_VIPERI N_F/R (SR IDs: 1828/9) 355	Unk-4 Cg_VIPERI N_F/R (SR IDs: 1828/9) 357	Unk-4 Cg_VIPERI N_F/R (SR IDs: 1828/9) 357	Unk-4 Cg_VIPERI N_F/R (SR IDs: 1828/9) 357
B	Unk-5 Cg_VIPERI N_F/R (SR IDs: 1828/9) 360	Unk-5 Cg_VIPERI N_F/R (SR IDs: 1828/9) 360	Unk-5 Cg_VIPERI N_F/R (SR IDs: 1828/9) 360	Unk-6 Cg_VIPERI N_F/R (SR IDs: 1828/9) 361	Unk-6 Cg_VIPERI N_F/R (SR IDs: 1828/9) 361	Unk-6 Cg_VIPERI N_F/R (SR IDs: 1828/9) 361	Unk-7 Cg_VIPERI N_F/R (SR IDs: 1828/9) 364	Unk-7 Cg_VIPERI N_F/R (SR IDs: 1828/9) 364	Unk-7 Cg_VIPERI N_F/R (SR IDs: 1828/9) 364	Unk-8 Cg_VIPERI N_F/R (SR IDs: 1828/9) 371	Unk-8 Cg_VIPERI N_F/R (SR IDs: 1828/9) 371	Unk-8 Cg_VIPERI N_F/R (SR IDs: 1828/9) 371

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
C	Unk-9 Cg_VIPERI N_F/R (SR IDs: 1828/9) 374	Unk-9 Cg_VIPERI N_F/R (SR IDs: 1828/9) 374	Unk-9 Cg_VIPERI N_F/R (SR IDs: 1828/9) 374	Unk-10 Cg_VIPERI N_F/R (SR IDs: 1828/9) 378	Unk-10 Cg_VIPERI N_F/R (SR IDs: 1828/9) 378	Unk-10 Cg_VIPERI N_F/R (SR IDs: 1828/9) 378	Unk-11 Cg_VIPERI N_F/R (SR IDs: 1828/9) 381	Unk-11 Cg_VIPERI N_F/R (SR IDs: 1828/9) 381	Unk-11 Cg_VIPERI N_F/R (SR IDs: 1828/9) 381	Unk-12 Cg_VIPERI N_F/R (SR IDs: 1828/9) 386	Unk-12 Cg_VIPERI N_F/R (SR IDs: 1828/9) 386	Unk-12 Cg_VIPERI N_F/R (SR IDs: 1828/9) 386
D	Unk-13 Cg_VIPERI N_F/R (SR IDs: 1828/9) 392	Unk-13 Cg_VIPERI N_F/R (SR IDs: 1828/9) 392	Unk-13 Cg_VIPERI N_F/R (SR IDs: 1828/9) 392	Unk-14 Cg_VIPERI N_F/R (SR IDs: 1828/9) 394	Unk-14 Cg_VIPERI N_F/R (SR IDs: 1828/9) 394	Unk-14 Cg_VIPERI N_F/R (SR IDs: 1828/9) 394	Unk-15 Cg_VIPERI N_F/R (SR IDs: 1828/9) 395	Unk-15 Cg_VIPERI N_F/R (SR IDs: 1828/9) 395	Unk-15 Cg_VIPERI N_F/R (SR IDs: 1828/9) 395	NTC-1 Cg_VIPERI N_F/R (SR IDs: 1828/9) NTC	NTC-1 Cg_VIPERI N_F/R (SR IDs: 1828/9) NTC	NTC-1 Cg_VIPERI N_F/R (SR IDs: 1828/9) NTC
E												
F												
G												
H												

Quantification

Step #: 3  
Analysis Mode: Fluorophore  
Cq Determination: Single Threshold  
Baseline Method:  
SYBR: Auto Calculated  
Threshold Setting:  
SYBR: 4493.49, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-01	351	28.96	28.94	0.063
A02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-01	351	28.87	28.94	0.063
A03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-01	351	28.99	28.94	0.063

## Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	353	27.67	27.57	0.160
A05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	353	27.39	27.57	0.160
A06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-02	353	27.66	27.57	0.160
A07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	355	28.80	28.94	0.582
A08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	355	29.57	28.94	0.582
A09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-03	355	28.43	28.94	0.582
A10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	357	28.77	28.75	0.109
A11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	357	28.85	28.75	0.109
A12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-04	357	28.64	28.75	0.109
B01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	360	27.11	27.12	0.009
B02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	360	27.13	27.12	0.009
B03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-05	360	27.12	27.12	0.009
B04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	361	27.07	27.01	0.057
B05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	361	26.95	27.01	0.057
B06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-06	361	27.01	27.01	0.057
B07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	364	27.95	27.92	0.068
B08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	364	27.84	27.92	0.068
B09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-07	364	27.96	27.92	0.068
B10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	371	30.86	30.82	0.077
B11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	371	30.88	30.82	0.077
B12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-08	371	30.74	30.82	0.077
C01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	374	26.72	26.66	0.098
C02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	374	26.54	26.66	0.098
C03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-09	374	26.71	26.66	0.098
C04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-10	378	28.36	28.40	0.042
C05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-10	378	28.44	28.40	0.042
C06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-10	378	28.41	28.40	0.042
C07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	381	29.25	29.55	0.413

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
C08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	381	N/A	0.00	0.000
C09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-11	381	29.84	29.55	0.413
C10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	386	27.08	27.06	0.024
C11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	386	27.03	27.06	0.024
C12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-12	386	27.07	27.06	0.024
D01	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	392	29.19	29.18	0.016
D02	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	392	29.20	29.18	0.016
D03	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-13	392	29.17	29.18	0.016
D04	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	394	27.04	27.06	0.022
D05	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	394	27.08	27.06	0.022
D06	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-14	394	27.05	27.06	0.022
D07	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	395	27.47	27.45	0.012
D08	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	395	27.45	27.45	0.012
D09	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	Unkn-15	395	27.45	27.45	0.012
D10	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	NTC-01	NTC	N/A	0.00	0.000
D11	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	NTC-01	NTC	N/A	0.00	0.000
D12	SYBR	Cg_VIPERIN_F/R (SR IDs: 1828/9)	NTC-01	NTC	N/A	0.00	0.000

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	

## Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
Positive control with a Cq greater than	30	True		False	
Unknown without a Cq	N/A	True	SYBR:C8.	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	SYBR:A7, A8, A9.	False	