



Mini8 Plus

*Portable Molecular
Diagnostic Solution*

Features

- Portable: 12V battery enabled
- User friendly: Simple interface
- Small footprint: From desktop to laptop, only 2.1 Kg
- High sensitivity: As low as 1 copy
- Sample capacity: 8*0.2ml PCR tubes
- Two channels: SYBR/FAM, ROX/Texas Red
- Open system: Compatible with most commercial reagents



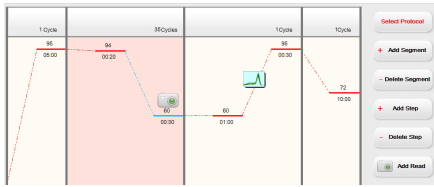
Everyone Can Benefit
From Molecular Diagnostics

www.coyotebio.com

Market feedback

- Minimal footprint and sturdy design
- This device makes PCR mobile and convenient
- E-mail nonfiction is an additional benefit and insurance for user
- No calibration is required, so easy to move across lab and idea for field application

User friendly



Set Up

Sample Well	1	2	3	4	5	6	7	8
Sample Name	<None>	<None>	<None>	<None>	<None>	<None>	<None>	<None>
Sample Type	Unk	Unk	Unk	Unk	Unk	Unk	Unk	Unk
Fluorophore CH1	None	None	None	None	None	None	None	None
Fluorophore CH2	None	None	None	None	None	None	None	None
Concentration CH1	?	?	?	?	?	?	?	?
Concentration CH2	?	?	?	?	?	?	?	?

Select Plate

Plate Layout

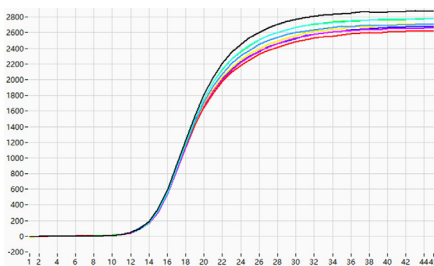
Please input terminal ΔRn for each sample.

E-mail Sender:

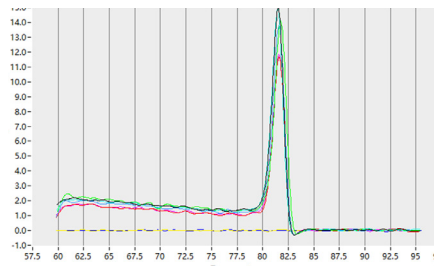
E-mail Recipient 1:

Send Report

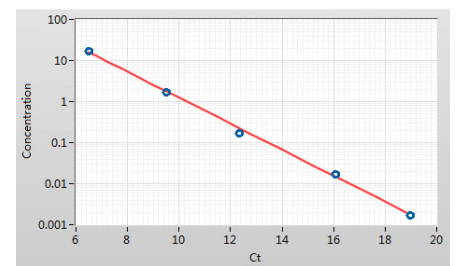
Result



PCR Amplification Curve



Melting Curve



Quantitative

Specifications

Optical	Light Source	High power LED
	Detector	Photodiode
Thermology Parameters	Heating/cooling model	Peltier
	Ramping Rate(Max.)	3°C /s
	Thermal Uniformity	±0.2°C
	Thermal Accuracy	±0.2°C
	Temperature Range	4-100°C
Operational	Sample Format	8 Wells
	Reaction Volume	10-150µL
	Sensitivity of Detection	1 Copy
	Melting Curve	Supported Resolution to 0.5 °C
	Multiplexing	Detect Up to 2 Dyes Simultaneously, 470/520nm (SYBR/FAM); 565/625nm (ROX/Texas Red)
Physical	Dimensions	205×190×98 mm (L×W×H)
	Net Weight	2.1kg
Computer Configuration	PC Requirement	WIN2000 / XP / WIN7 / WIN8 / WIN10
	Environmental Requirement	Ambient Temperature
Ambient Humidity		Operation Humidity: 15-90% Relative Humidity Storage Humidity: 5-95% Relative Humidity
	Power Supply	12V,10A



Coyote Bioscience Co., Ltd.

2th Floor , Shangdixinilu#12 Haidian District, Beijing , China
 Phone: +8610 64844237

Coyote Bioscience USA Inc.

1506 Dell Avenue,Suite A Campbell, CA 95008
 Phone: +1 650-528-2199