

NEW!!

Powerful solution for Real-time PCR assay

PowerAmp96™ Real-time PCR system



- Best Partner with PowerChek™ Detection Kit series!!
- Applicable to various filed : Food safety, Clinical Dx and Animal health

PowerAmp96™ Real-time PCR System

Providing the total solution for Real-time PCR assay

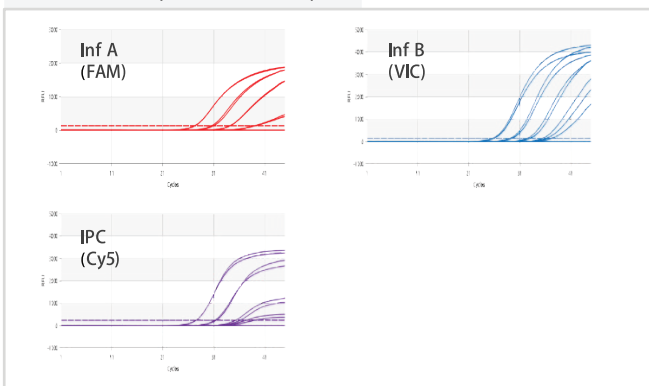
The PowerAmp96™ system is a powerful total solution for your Real-time PCR assay. This instrument is optimized with various application test like as Clinical Dx, Food safety and Animal health and provide outstanding and reliable results combine with PowerChek™ Detection Kit series.

Benefits & Features

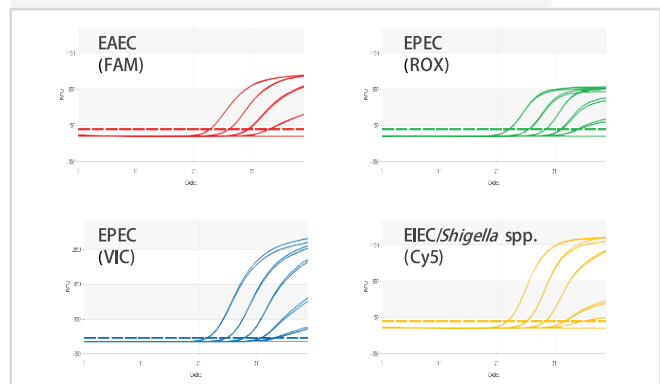
- 6 Fluorescence detection channels
- 10.4' full color LCD touch screen : All command in one touch
- Accurate and rapid temperature control
- Maximum heating rate : 6.1 °C/sec
- Easy to use software

Performance Data

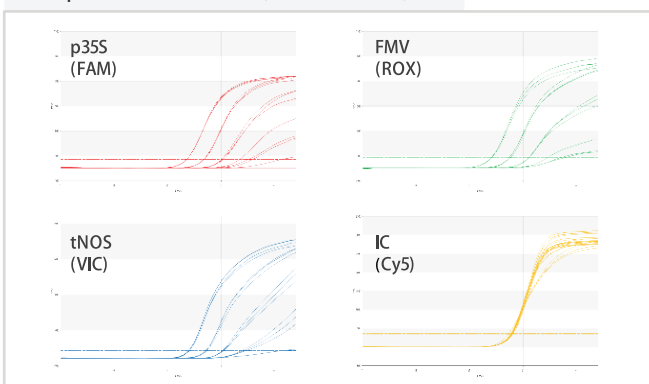
Influenza A/B (Cat No. R3500T)



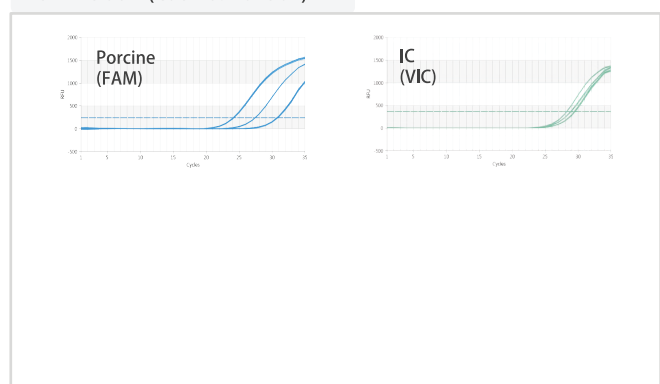
25 Gastrointestinal Panel - set 6 (Cat No. R1500)



Multiplex Universal GMO (Cat No. R2026)



Pork Gelatin (Cat No. R0430E)



Best partner with PowerChek™ Detection Kit series

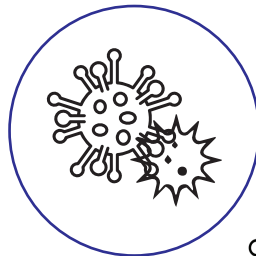
Wide parameter applications : perfectly matched with Kogene's Detection series

Food safety



- Halal test · Animal ID
- GMO
- Food Pathogen

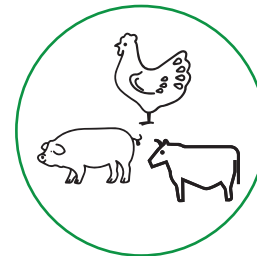
Clinical Dx



CE IVD

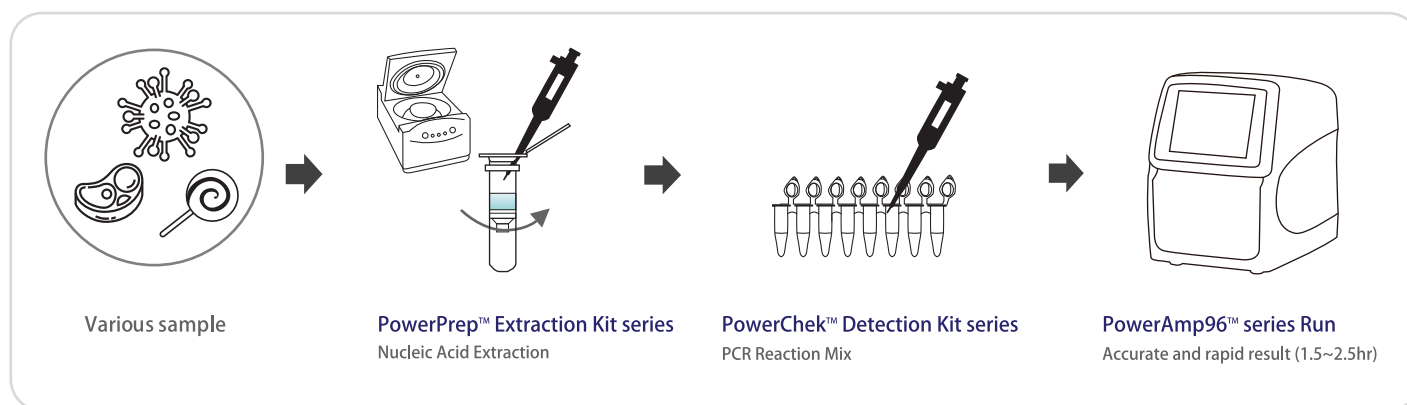
- Inf · RV · MERS
- ZIKV · DENV · CHIKV
- GI · Parasite

Animal Health



- AI · Poultry
- Bovine
- Swine

Total solution for Real-time PCR assay



Ordering Information

Cat No.	Product	Application
KQ0001	PowerAmp96™	<ul style="list-style-type: none"> ▪ Food Safety ▪ Animal Health ▪ Research
KQ0002	PowerAmp96™ Dx CE IVD	<ul style="list-style-type: none"> ▪ ClinicalDx

Specification

PowerAmp96™ Real-time PCR system

Thermal Cycler	Sample capacity	96 wells	
	Reaction volume	0-100 ul	
	Temperature range	0-100 °C	
	Maximum heating rate	6.1 °C/sec	
	Average heating rate	4.5 °C/sec	
	Temperature accuracy	± 0.1 °C	
	Excitation	6 LEDs	
Detection channel	Detection	Photodiode	
	6 detection channels	1. 465 — 510 nm	FAM, SYBR Green I, SYTO9, EvaGreen, LC Green
		2. 527 — 563 nm	VIC, HEX, JOE, TET
		3. 580 — 616 nm	ROX, Texas Red
		4. 632 — 664 nm	Cy5
		5. 680 — 730 nm	Alexa Fluor680
		6. 546 — 575 nm	NED
Detection time	7 seconds for 96 wells for all channels		
Software	Data analysis modes	<ul style="list-style-type: none"> ▪ Qualitative analysis ▪ Absolute quantification ▪ Relative quantification ▪ Genotyping analysis ▪ Endpoint analysis ▪ Melt curve analysis ▪ High resolution melting 	
	Connectivity or communication	<ol style="list-style-type: none"> 1. 10.4' touch screen 2. PC direct control 3. WLAN control (One PC can control mas 10 units, and device can be controlled by any PC in the WLAN) 	
	Data export	CSV, Excel, TXT format data output, open port for LIS connection	
System	Dimensions	355 mm x 480 mm x 485 mm	
	Weight	30 kg	
	Power usage	AC 100 to 125 V / 200 to 240 V (50/60 Hz)	

