

**Promotor<sup>®</sup>**

# 960 Real-Time PCR System



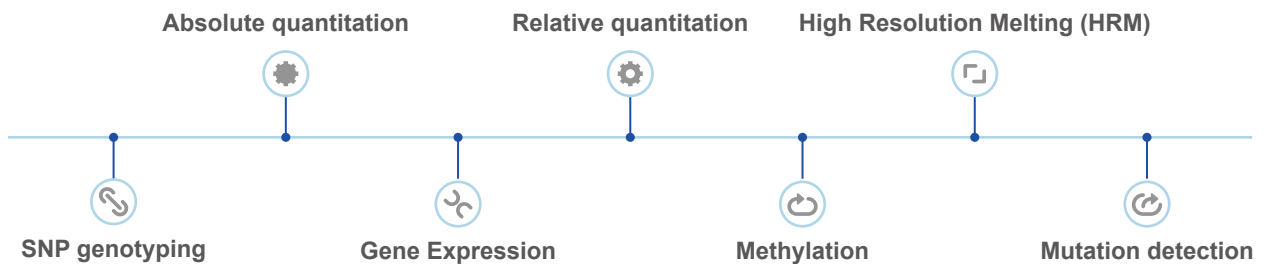


## 960 Real-Time PCR System

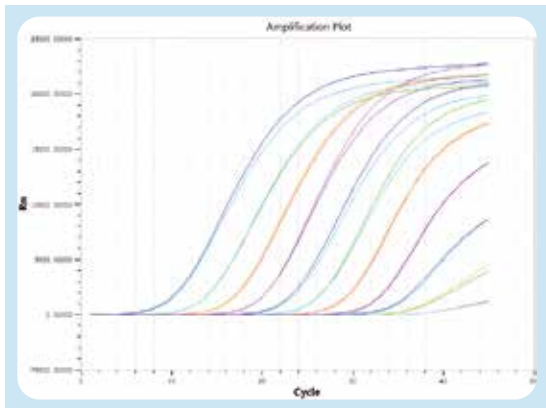
### Features & Benefits

- Broad dynamic range: 1~10<sup>10</sup> copies/mL
- Perform up to 4-target multiple analysis
- Long life LED and sensitive PMT for high-performance results
- No need for ROX reference dye
- No crosstalk between well to well due to special optical system design
- Top signal detection technology to eliminate the influence of floccule or residual magnetic beads in the reaction
- Large color touchscreen and easy-to-use software

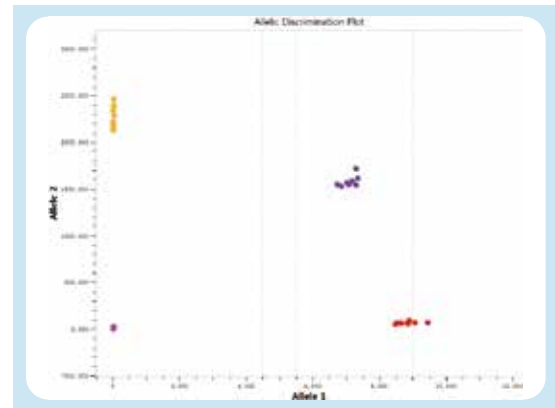
### Applications



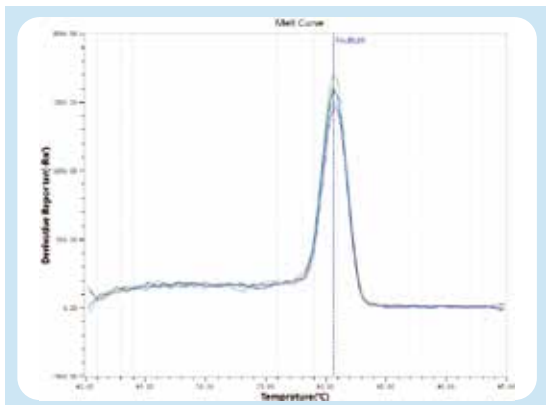
### Broad dynamic range



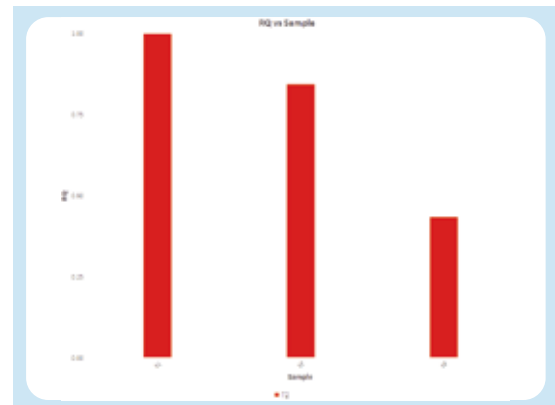
### Genotyping analysis



### Melt curve analysis



### Relative quantitation



## Specifications

Thermal Cycling System	Peltier-based, 96-well block
Max Block Ramp Rate	> 5 °C /s
Max Block Cooling Rate	> 4 °C /s
Temperature Range	4 – 100 °C
Temperature Accuracy	± 0.1 °C
Temperature Uniformity (at 55 °C )	± 0.1 °C
Channel	4 channels
Compatible Dyes	Channel 1: FAM, SYBR Green; Channel 2: VIC, HEX, JOE, TET ; Channel 3: ROX, Texas Red; Channel 4: CY5
Additional Dye Available	Additional dyes within the wavelength range compatible with the filters are supported
Multiplex analysis	Up to 4 targets per well
Compatible Tubes	<ul style="list-style-type: none"> <li>• Standard optical 0.2 mL 96-well plates (Semi-skirted, Non-skirted)</li> <li>• 8-strip 0.2 mL tubes</li> <li>• 0.2 mL optical tubes</li> </ul>
Supported Volumes	20 - 100 µL
Optical System	Long life LED and PMT
Dynamic Range	1~10 <sup>10</sup>
Sensitivity	Detection of 1 copy of template in a 50 µL reaction
Applications	Comparative Ct, Standard Curve, Relative Standard Curve, Allelic Discrimination
Dimensions (w x d x h)	340 mm (13.4 in) x 557 mm (21.9 in) x 537 mm (21.2 in)
Weight	32 kg (70.6 lb)

## Ordering Information

Product Name	Catalog No.	Components
960 Real-Time PCR System	P111-2011	960 Real-Time PCR Instrument User Manual and Software Manual Power Cable Software Disk 8-strip tubes



We offer other molecular diagnostics products, the ordering information is as follows.

## Ordering Information

	Catalog	Product	Kit size
Nucleic Acid Extraction	P111-1011√ *	NES-32 Nucleic Acid Extraction System	1 Unit/Kit
	P121-1101√ *	Nucleic Acid (DNA) Extraction Kit	32 Tests/Kit
	P121-1111√ *	Whole Blood Genomic DNA Extraction Kit	32 Tests/Kit
	P121-1121√ *	Nucleic Acid (RNA) Extraction Kit	32 Tests/Kit
	P121-1201√ *	Nucleic Acid (DNA) Extraction Kit (ready-to-use)	32 Tests/Kit
	P121-1211√ *	Whole Blood Genomic DNA Extraction Kit (ready-to-use)	32 Tests/Kit
	P121-1221√ *	Nucleic Acid (RNA) Extraction Kit (ready-to-use)	32 Tests/Kit
	P121-1301√ *	Nucleic Acid Extraction Kit (ready-to-use)	32 Tests/Kit
Nucleic Acid Isolation	P121-1291√ *	Viral DNA/RNA Isolation Kit	32/50 Tests/Kit
	P121-1051√ *	Viral Nucleic Acid Isolation Kit	32 Tests/Kit
PCR kits	P131-1511	HBV (Hepatitis B Virus) Quantitative PCR Test Kit	32 Tests/Kit
	P131-1521	HCV (Hepatitis C Virus) Quantitative PCR Test Kit	32 Tests/Kit
	P131-1121√	PCR-Fluorescence Detection Kit for Human Papillomavirus Genotype 16/18 DNA	32 Tests/Kit
	P131-1501√	HPV 15 High-risk with 16/18 Genotyping PCR Test Kit	32 Tests/Kit
	P131-1481√	HPV (Human Papillomavirus) Genotyping PCR-RDB Test Kit	24 Tests/Kit
	P131-1301√	TB (Mycobacterium tuberculosis) PCR Test Kit	32 Tests/Kit
	P131-1541	HLA-B27 (Human Leukocyte Antigen B27) PCR Test Kit	32 Tests/Kit
	P131-1591√	SARS-CoV-2 RT-PCR Test Kit	32 Tests/Kit

√ CE marked \*FDA Device Listing

## Products Under Development

Series	Product	Kit Size
Hepatitis	Hepatitis B Virus and YMDD mutation Test kit	32 Tests/Kit
	Hepatitis E Virus Test kit	32 Tests/Kit
Sexually Transmitted Disease	CT (Chlamydia Trachomatis) Test Kit	32 Tests/Kit
	UU (Ureaplasma Urealyticum) Test kit	32 Tests/Kit
	NG (Neisseria Gonorrhoeae) Test kit	32 Tests/Kit
	HSV II PCR Test kit	32 Tests/Kit
Tumor	HPV 18 high-risk types with 16/18 Genotyping Test Kit	32 Tests/Kit
	EB (Epstein-Barr virus) Test Kit	32 Tests/Kit
Fertility	HCMV (Cytomegalovirus Test Kit	32 Tests/Kit
Respiratory Infectious Disease	MP (Mycoplasma pneumoniae) Test Kit	32 Tests/Kit
Gastrointestinal Disease	EV71 (human enterovirus 71) Test Kit	32 Tests/Kit
	Coxsackie A virus RNA Test Kit	32 Tests/Kit

We also offer other diagnostic and medical products for:  
**Blood Glucose, Lateral Flow, Urinalysis Products, Hematology, POCT Products, Immunoassay and more.**  
**Contact us for worldwide distribution and custom manufacturing (OEM) opportunities.**

✓ CE Marked for sale in the European Community 

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