

Fast qPCR Mix Selection Table

Meridian has a comprehensive range of highly optimized products designed to deliver outstanding results for real-time experiments on both DNA and RNA templates.

	DNA/cDNA Templates							RNA Templates										Applied Biosystems™							
	SYBR® Green Assays				Probe Assays			HRM	SYBR® Green Assays			Probe Assays													
	7000	7300	7500	7500 FAST	7700	7900	7900HT	7900HT FAST	QuantStudio™ 3,5,6,7,12k Flex	StepOne™	StepOne™ plus	ViiA7™	Cepheid®	SmartCycler®	illumina®	Eco™	Takara	Thermal Cycler Dice® (TP800)	BJS	Xpress®	Eppendorf	Mastercycler® ep realplex	Mastercycler® ep realplex 2S		
SYBR® Green Assays	SensiFAST™ SYBR® No-ROX Kit														✓						✓		✓	✓	
	SensiFAST™ SYBR® Hi-ROX Kit							✓	✓		✓	✓	✓	✓											
	SensiFAST™ SYBR® Lo-ROX Kit									✓	✓			✓											
	SensiFAST™ SYBR® & Fluorescein Kit																								
Probe Assays	SensiFAST™ Probe No-ROX Kit*														✓		✓				✓		✓	✓	
	SensiFAST™ Probe Hi-ROX Kit							✓	✓		✓	✓	✓	✓											
	SensiFAST™ Probe Lo-ROX Kit									✓				✓											
	SensiFAST™ Probe Direct SuperMix														✓		✓		✓		✓		✓	✓	
HRM	SensiFAST™ HRM Kit									✓			✓				✓								
SYBR® Green Assays	SensiFAST™ SYBR® No-ROX One-Step Kit														✓		✓		✓		✓		✓	✓	
	SensiFAST™ SYBR® Hi-ROX One-Step Kit							✓	✓		✓	✓	✓	✓											
	SensiFAST™ SYBR® Lo-ROX One-Step Kit									✓	✓			✓											
	SensiFAST™ SYBR® & Fluorescein One-Step Kit																								
Probe Assays	SensiFAST™ Probe No-ROX One-Step Kit*														✓		✓		✓		✓		✓	✓	
	SensiFAST™ Probe Hi-ROX One-Step Kit							✓	✓		✓	✓	✓	✓											
	SensiFAST™ Probe Lo-ROX One-Step Kit									✓	✓			✓											

SensiFAST has been specially developed to deliver optimal qPCR results in a fraction of the time using standard as well as the new faster qPCR instruments. The Selection Table below will enable you to choose the most appropriate reagent for your real-time instrument and application.

BMS		Application										Instrument			
qPCR	RT-qPCR	1	2	3	4	5	6	7	8	9	10	11	12	13	14
BMS		✓													
MIC				✓											
Fluidigm															
BioMark™				✓											
PCRmax															
Eco™															
Analytik Jena															
qTower, qTower 2.x															
Qiagen															
Rotor-Gene™ 3000															
Rotor-Gene™ 6000															
Rotor-Gene™ Q															
Bio-Rad®															
iCycler®															
MyIQ™															
iQ™5															
Opticon™															
Opticon™2															
Chromo4™															
MiniOpticon™															
CFX96™															
CFX384™															
Roche															
Lightcycler® 96															
Lightcycler® 480															
Lightcycler® Nano															
Teche															
Quantica®															
Agilent (Stratagene)															
MX4000P®															
MX3000P®															
MX3005P®															
AriaMX															

* Used for all instruments when multiplexing ✓ Recommended