

Q-PCR Master Mix Instrument Compatibility 2023



Product Name	ExcelTaq™ 2X	ExcelTaq™ 2X	ExcelTa™ 2X Fast	ExcelTaq™ 2X Fast	ExcelTaq™ 2X	ExcelRT™ One-Step	ExcelRT™ One-Step
	Q-PCR Master Mix	Q-PCR Master	Q-PCR Master Mix	Q-PCR Master Mix	Q-PCR Master Mix	RT-qPCR Kit	RT-qPCR Kit
	(SYBR, no ROX)	Mix (SYBR, ROX)	(SYBR, no ROX)	(SYBR, ROX)	(TaqMan, ROX)	(TaqMan, ROX)	(TaqMan, no ROX)
Cat. No.	TQ1100	TQ1110	TQ1200	TQ1210	TQ2110	RQ2110	RQ2200
Detection chemistry	SYBR	SYBR	SYBR	SYBR	TaqMan	TaqMan	TaqMan
Blue contrast dye for best convenience	V	V	V	V	X	X	X
Reference dye	No Rox	High Rox	No Rox	High Rox	High Rox	High Rox	No Rox
Time required for enzyme activation	10 min	10 min	2 min	2 min	10 min	3 min	3 min
qPCR program	Standard	Standard	Fast and Standard	Fast and Standard	Standard	Fast and Standard	Fast and Standard

Bio-Rad							
CFX96™, CFX384™, CFX Connect™	V	V	V	V	V	V	V
Chromo4™, MiniOpticon™, Opticon™, Opticon™ 2	V	V	V	V	V	V	V
iCycler®, iQ™ 5, MyiQ™	V	V	V	V	V	V	V

Thermo Fisher (including Applied Biosystems and Life Technologies)							
5700, 7000, 7300, StepOne™, StepOne™ plus	Δ	V	Δ	V	V	V	Δ
7500, 7500 FAST, QuantStudio™ 1, 3, 5, 6, 7, 12k Flex, ViiA7™	Δ	Δ	Δ	Δ	Δ	Δ	Δ
7700, 7900, 7900HT, 7900HT FAST	Δ	V	Δ	V	V	V	Δ
Piko Real®	V	V	V	V	V	V	V

V – Indicates the reagent is compatible to the instrument Δ – Indicates that if use the reagent to the instrument, ensure to de-select passive dye channel when data processing.

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Q-PCR Master Mix Instrument Compatibility 2023



Product Name	ExcelTaq™ 2X	ExcelTaq™ 2X	ExcelTaq™ 2X Fast	ExcelTaq™ 2X Fast	ExcelTaq™ 2X	ExcelRT™ One-Step	ExcelRT™ One-Step
	Q-PCR Master Mix	Q-PCR Master	Q-PCR Master Mix	Q-PCR Master Mix	Q-PCR Master Mix	RT-qPCR Kit	RT-qPCR Kit
	(SYBR, no ROX)	Mix (SYBR, ROX)	(SYBR, no ROX)	(SYBR, ROX)	(TaqMan, ROX)	(TaqMan, ROX)	(TaqMan, no ROX)
Cat. No.	TQ1100	TQ1110	TQ1200	TQ1210	TQ2110	RQ2110	RQ2200
Detection chemistry	SYBR	SYBR	SYBR	SYBR	TaqMan	TaqMan	TaqMan
Blue contrast dye for best convenience	V	V	V	V	X	X	X
Reference dye	No Rox	High Rox	No Rox	High Rox	High Rox	High Rox	No Rox
Time required for enzyme activation	10 min	10 min	2 min	2 min	10 min	3 min	3 min
qPCR program	Standard	Standard	Fast and Standard	Fast and Standard	Standard	Fast and Standard	Fast and Standard

Qiagen (Corbett)							
Rotor-Gene™ 3000,							
Rotor-Gene™ 6000,	V	V	V	V	V	V	V
Rotor-Gene™ Q							
Roche							
LightCycler® 480,							
LightCycler® 96,	V	V	V	V	V	V	V
LightCycler® Nano							
Agilent (Stratagene)							
AriaMX, AriaDX	Δ	Δ	Δ	Δ	Δ	Δ	Δ
MX3000P®,							
MX3005P®,	Δ	Δ	Δ	Δ	Δ	Δ	Δ
MX4000P®							
BMS							
Mic	V	V	V	V	V	V	V
BJS							
Xpress®	V	V	V	V	V	V	V
Cepheid							
SmartCycler®	V	V	V	V	V	V	V
Eppendorf							
Mastercycler® ep							
realplex 2S	V	V	V	V	V	V	V

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Q-PCR Master Mix Instrument Compatibility 2023



Product Name	ExcelTaq™ 2X	ExcelTaq™ 2X	ExcelTaq™ 2X Fast	ExcelTaq™ 2X Fast	ExcelTaq™ 2X	ExcelRT™ One-Step	ExcelRT™ One-Step
	Q-PCR Master Mix	Q-PCR Master	Q-PCR Master Mix	Q-PCR Master Mix	Q-PCR Master Mix	RT-qPCR Kit	RT-qPCR Kit
	(SYBR, no ROX)	Mix (SYBR, ROX)	(SYBR, no ROX)	(SYBR, ROX)	(TaqMan, ROX)	(TaqMan, ROX)	(TaqMan, no ROX)
Cat. No.	TQ1100	TQ1110	TQ1200	TQ1210	TQ2110	RQ2110	RQ2200
Detection chemistry	SYBR	SYBR	SYBR	SYBR	TaqMan	TaqMan	TaqMan
Blue contrast dye for best convenience	V	V	V	V	X	X	X
Reference dye	No Rox	High Rox	No Rox	High Rox	High Rox	High Rox	No Rox
Time required for enzyme activation	10 min	10 min	2 min	2 min	10 min	3 min	3 min
qPCR program	Standard	Standard	Fast and Standard	Fast and Standard	Standard	Fast and Standard	Fast and Standard

Fluidigm							
BioMark™	Δ	Δ	Δ	Δ	Δ	Δ	Δ
Hain Lifescience							
FluoroCycler® 96	V	V	V	V	V	V	V
IT-IS Life Science							
MyGo Pro, MyGo Mini	V	V	V	V	V	V	V
PCRmax							
Eco™	V	V	V	V	V	V	V
Takara							
Thermal Cycler Dice®	V	V	V	V	V	V	V
TP8000	V	V	V	V	V	V	V
Techne							
PrimeQ, Quantica®	V	V	V	V	V	V	V

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Q-PCR Master Mix Instrument Compatibility 2023



Product Name	ExcelTaq™ 2X Q-PCR Master Mix (SYBR, no ROX)	ExcelTaq™ 2X Q-PCR Master Mix (SYBR, ROX)	ExcelTaq™ 2X Fast Q-PCR Master Mix (SYBR, no ROX)	ExcelTaq™ 2X Fast Q-PCR Master Mix (SYBR, ROX)	ExcelTaq™ 2X Q-PCR Master Mix (TaqMan, ROX)	ExcelRT™ One-Step RT-qPCR Kit (TaqMan, ROX)	ExcelRT™ One-Step RT-qPCR Kit (TaqMan, no ROX)
Cat. No.	TQ1100	TQ1110	TQ1200	TQ1210	TQ2110	RQ2110	RQ2200
Detection chemistry	SYBR	SYBR	SYBR	SYBR	TaqMan	TaqMan	TaqMan
Blue contrast dye for best convenience	V	V	V	V	X	X	X
Reference dye	No Rox	High Rox	No Rox	High Rox	High Rox	High Rox	No Rox
Time required for enzyme activation	10 min	10 min	2 min	2 min	10 min	3 min	3 min
qPCR program	Standard	Standard	Fast and Standard	Fast and Standard	Standard	Fast and Standard	Fast and Standard

Analytik Jena							
qTOWER ³	V	V	V	V	V	V	V
Bioevopeak							
Real-time PCR system, PCR-Q96 Series	V	V	V	V	V	V	V
EiNS Sci							
E-QPCR4-CI, E-QPCR6-CI	V	V	V	V	V	V	V

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