

ExcelTaq™ 2X Q-PCR Master Mix

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)
Cat. No.	TQ1100	TQ1110	TQ1200	TQ1210	TQ2110
Detection chemistry	SYBR	SYBR	SYBR	SYBR	TaqMan
Blue contrast dye for best convenience	✓	✓	✓	✓	X
ROX dye for reference	X	✓	X	✓	✓
Time required for enzyme activation	10 min	10 min	2 min	2 min	10 min
qPCR program	Standard	Standard	Fast and Standard	Fast and Standard	Standard

Instrument Compatibility*

Applied Biosystems system:					
5700, 7000, 7300, 7700, and 7900HT	Δ	V	Δ	V	V
StepOne, StepOnePlus	Δ	V	Δ	V	V
7500, 7500 Fast, QuantStudio, ViiA7	Δ	Δ	Δ	Δ	Δ
BioRad system:					
CFX96, CFX384	V	V	V	V	V
iQ5	V	V	V	V	V
Opticon, Opticon 2, Chromo 4	V	V	V	V	V
Cepheid system:					
Smart Cycler	V	V	V	V	V
Eppendorf system:					
Mastercycler ep realplex	V	V	V	V	V
Roche system:					
LightCycler 480, Nano	V	V	V	V	V
QIAGEN system:					
Rotor-Gene™ 3000, 6000, Q	V	V	V	V	V
Agilent (Stratagene) system:					
MX3000P, 3005P, 4000P	Δ	Δ	Δ	Δ	Δ
Illumina system:					
Eco	V	V	V	V	V

*ExcelTaq™ 2X Q-PCR Master Mix can be used with a variety of real-time instruments, including but not limited to the list above.

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.