

## What ROX concentration should I use in my qPCR reaction?

Our qPCR Master Mixes are all offered with optional ROX reference dye, which is used by some qPCR instruments to normalize the PCR fluorescence. We also include instructions for using no ROX, low ROX, or high ROX, depending on the instrument you are using. Based on instrument manufacturers' recommendations, we recommend the following:

### No ROX

BioRad: iCycler™, MyiQ™, MiQ™2, iQ™5, CFX-96 Touch™, CFX-384 Touch™, Chromo4™, MiniOpticon™

Qiagen: Rotor-Gene® Q, Rotor-Gene® 3000, Rotor-Gene® 6000

Eppendorf: Mastercycler® Realplex

Illumina: Eco™ RealTime PCR System

Cepheid: SmartCycler®

Roche: LightCycler® 480, LightCycler® 2.0

### Low ROX

ABI: 7500, 7500 Fast, ViiA 7™, QuantStudio™

Stratagene: MX4000P, MX3000P, MX3005P

### High ROX

ABI: 5700, 7000, 7300, 7700, 7900, 7900HT, 7900HT Fast, StepOne®, StepOne Plus®