



**ELK Biotechnology**

**For research use only.**

## 50× ROX Reference Dye

Catalog No.	Specification	Storage/Shelf life
EQ012	20 µL	-20°C/2 year

### Introductoin

ROX Reference Dye is generally used on ABI, Stratagene and other companies' Real Time PCR amplification machines to adjust the difference between PCR tubes and tubes caused by PCR sample loading errors. This product is suitable for Applied Biosystems 5700, 7000, 7300, 7700, 7900, 7900HT, 7900HT Fast; Applied Biosystems StepOne™, StepOnePlus™ and other fluorescent quantitative PCR instruments using high concentration ROX.

ROX Reference Dye is dissolved in a buffer system of 20 mM Tris-HCl (pH 8.4), 0.1 mM EDTA, and 0.01% Tween-20.

### Instructions

Add 1 µl 50×ROX Reference Dye to each 50 µl fluorescence quantitative PCR/RT-PCR reaction system and add ROX, and pay attention to select "ROX" in the "Fluorescence Reference (Passive)" option of the instrument.