

### **ROX**

Catalog No. 50506S: 1 mL Catalog No. 50506L: 5 mL

### **Description**

The **ROX** (rhodamine-X) dye is a passive reference dye for normalization and correction of well-to-well optical variations of the fluorescent reporter signal in real-time quantitative PCR or RT-PCR. Moreover, the dye can also correct pipeting errors and lamp intensity shift of the thermal cycler. The ROX dye does not change during the PCR cycles, thus providing a stable baseline for normalization of samples in different wells of the PCR plate.

ROX dye is compatible with real-time quantitative thermal cycler with ROX channel. Most quantitative thermal cycler require ROX dye at either 50 nM or 500 nM of final concentration.

The ROX dye is in 10 mM of Tris-HCI (pH 8.5), 0.1 mM of EDTA, and 0.01% of Tween-20.

# **Specification**

Concentration	25 μM
Excitation/absorption maximum (nm)	570
Emission maximum (nm)	591
Transportation	at room temperature

### **Storage Condition**

Store at -20°C. Stable up to 2 years. Protect from light.

# Component

Catalog No.	50506S	50506L
ROX 25 µM	1 ml	5 ml



# **Quality Control**

Reagent passed stringent functional quality test.

#### **Product Use Limitation**

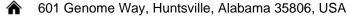
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