

ClearPeak SYBR Green qPCR Assays

250 rxn

Cat No: qPP250

Assay ID: Gene specific ID

Shipping : Ship at room temperature.

Storage : Store at -20°C. *ClearPeak* SYBR Green qPCR Assays can be stably stored for 12 months at -20°C after dissolving the lyophilized primers. Avoid freeze and thaw cycles.

Components: 1 vial of lyophilized *ClearPeak* SYBR Green qPCR Assays (sufficient for 250 reactions)

Preparation of *ClearPeak* SYBR Green qPCR Assays

Dissolve the lyophilized primer pair mix using 250 µl molecular grade double distilled water.

General Information

ClearPeak SYBR Green qPCR Assays contains primer pairs designed for real-time PCR using intercalating dyes, such as *ClearPeak* 2x SYBR Master Mix. *ClearPeak* SYBR Green qPCR Assays are pre-designed and pre-validated prior to delivery to users.

Related Products

ClearPeak 2x SYBR Master Mix (SMM1, SMM5)

EcoScript 5x First Strand cDNA Synthesis Kit (ERT50, ERT100, ERT200)

SYBR PCR Setup

Component	Amount
<i>ClearPeak</i> 2x SYBR Master Mix	10 µl
<i>ClearPeak</i> SYBR Green qPCR Assays	1 µl
Template cDNA	2-5 µl
ddH ₂ O	up to 20 µl
Total	20 µl

PCR Reaction Condition

Two Step

Temperature	Time	Cycles
95°C	5-30 sec	
95°C	3-10 sec	40
60°C	10-30 sec	

Three Step

Temperature	Time	Cycles
95°C	5-30 sec	
95°C	3-10 sec	40
60°C	10-30 sec	
72°C	10-30 sec	