

Smart Quant Green Master Mix with dUTP

Cat# PT-GL-SQG-V2

Description:

The Smart Quant Green Master Mix is a HotStart Master Mix for SYBR Green I real-time PCR assay. The master mix contains SYBR Green I, HotStart DNA polymerase, optimized reaction buffer, 5 mM (final concentration) MgCl₂ and nucleotides (including dUTP).

Supplied Reagent: 5 tube of 1.0 ml Master Mix; 1 tube of 0.5 ml 25mM MgCl₂.

Storage:

The Smart Quant Green Master Mix reagents are stable for a minimum of 12 months when stored at -20 °C in a constant temperature freezer.

Usage:

A typical 50 µl PCR would contain the following:

<u>Component</u>	<u>Volume</u>	<u>Final Concentration</u>
Smart Quant Green Master Mix	25 µl	1x
Forward Primer (1 µM)	5 µl	Typically 0.1 µM
Reverse Primer (1 µM)	5 µl	Typically 0.1 µM
Temple	x µl	-
H ₂ O	15-x µl	-
<u>Total</u>	<u>50 µl</u>	

Typical cycling conditions for this kit are:

HotStart activation	10 min, 95 °C
40 Cycles	15 sec, 95 °C 1 min, 60 °C
1 Cycle	Melt
Hold	25 °C, forever

For Research Using Only.

Please do not hesitate to contact us if you have any questions.

Manufactured for and distributed by Protech Technology Enterprise Co., Ltd.

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