

Smart Quant Green Master Mix

Date: 2015.01

Version: 15-01

| Product Name | Cat. No. | Sample |
|---|--------------------|---------------------------|
| Smart Quant Green Master Mix | PT-GL-SQG-V3-1ML | SA-SQG-V3 (250 μ L) |
| Smart Quant Green Master Mix with ROX | PT-GL-SQGR-V3-1ML | SA-SQGR-V3 (250 μ L) |
| Smart Quant Green Master Mix with Low ROX | PT-GL-SQGLR-V3-1ML | SA-SQGLR-V3 (250 μ L) |

Product 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, 4 mM (final concentration) MgCl₂ and nucleotides (including dUTP).

Components: Store at -20°C

Usage: A typical 20 μ L PCR would contain the following:

| Component | Volume (μ L) | Final Concentration |
|------------------------------|-------------------|---------------------------|
| Smart Quant Green Master Mix | 10 | 1x |
| Forward Primer (10 μ M) | 0.4 – 1 | 0.2 μ M – 0.5 μ M |
| Reverse Primer (10 μ M) | 0.4 – 1 | 0.2 μ M – 0.5 μ M |
| Template | As required | |
| RNase free H ₂ O | Up to 20 | |

Typical cycling conditions for this kit are:

| | |
|---------------------|--------------|
| Hotstart activation | 95°C 10 min |
| 40 Cycles | 95°C 15 sec |
| | 60°C 1 min |
| 1 Cycle | Melt |
| Hold | 25°C forever |

Form & Storage:

Store at -20°C. This product is stable for 1 year from the date of shipment.

Research Use Only

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

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

TEL : +886-2-2655-7677 / FAX : +886-2-2655-7601 / Toll Free : 0800-231-530

E-MAIL: service@bio-protech.com.tw ; tech@bio-protech.com.tw

WEB: <http://www.bio-protech.com.tw>