

## 波仕特生物科技股份有限公司

# Protech Technology Enterprise Co., Ltd.

Protech Technology Enterprise Company has been a manufacture of molecular product for over 20 years in Taiwan. We introduce our Smart Quant Green Master Mix in this brochure.

Protech launches 3 Smart Quant Green Master Mix, with Rox, or low Rox, or without Rox which fit most of real-time PCR machines including ABI 7000, 7300, 7500, StepOne, and StepOne plus etc.

Smart Quant Green Master Mix is a ready-to-use 2X mixture contains HotStart *Taq*, SYBR Green I, optimized reaction buffer, nucleotides (including dUTP), and low concentration ROX passive reference dye.

Smart Quant Green Master Mix is packed as 5 tubes of 1mL reagent with 1 package insert of detail information about product. Suggested reaction volume of Smart Quant Green Master Mix is 50  $\mu$ L per tube.



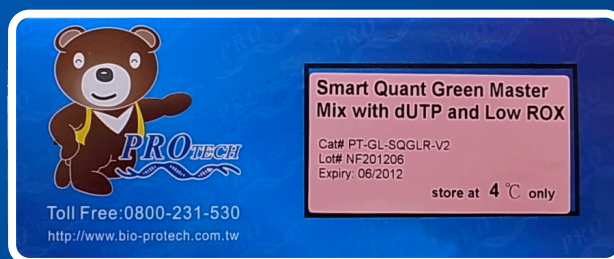
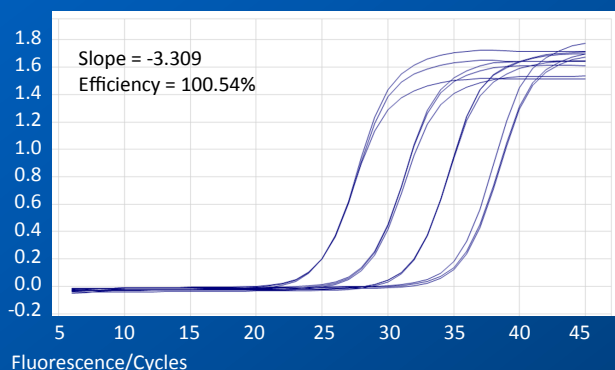
## Smart Quant Green Master Mix

### Order Information

Product Name	Catalog Number	Package
Smart Quant Green Master Mix with dUTP & ROX	PT-GL-SQGR-V2	1mL x 5 tubes
Smart Quant Green Master Mix with dUTP & Low ROX	PT-GL-SQGLR-V2	1mL x 5 tubes
Smart Quant Green Master Mix with dUTP	PT-GL-SQG-V2	1mL x 5 tubes

### Testing Result

Testing result of "Smart Quant Green Master Mix with dUTP & ROX." Target DNA fragment is amplified from different amount lambda DNA (10pg, 1pg, 0.1pg, 0.01pg) by Illumina Eco™ Real-Time PCR system. The slope is -3.309, efficiency is 100.54%, and R<sup>2</sup> of this standard curve is 0.998.



### Product Package

Photos of "Smart Quant Green Master Mix with dUTP & Low ROX." 2X qPCR mixture is packed in amber screw cap tubes; 5 tubes 2X qPCR mixture and 1 tube MgCl<sub>2</sub> are packed in paper box as shown in above photo.

