

Fast Quant Green Master Mix

Product Name	Cat. No.	Sample
Fast Quant Green Master Mix	PT-GL-FQG-1ML	SA-GL-FQG (250 μ L)
Fast Quant Green Master Mix with ROX	PT-GL-FQGR-1ML	SA-GL-FQGR (250 μ L)
Fast Quant Green Master Mix with Low ROX	PT-GL-FQGLR-1ML	SA-GL-FQGLR (250 μ L)

Product Description:

The Fast Quant Green Master Mix is a 2 x Master Mix for SYBR Green I real-time PCR assay. The master mix contains SYBR Green I, DNA Polymerase, optimized reaction buffer.

Components: Store at -20°C

Usage: A typical 20 μ L RCR would contains the following:

Typical reaction conditions:

Component	Volume (μ L)	Final Concentration
Fast 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 reagent is:

95 °C	2 min	
95 °C	10 s	} 40 cycles
60 °C*	\geq 20 s	
Melting	1 cycle	
Hold 25 °C	forever	

Choose SYBR Green I channel when collecting fluorescent signals.

Note:* Annealing temperature can adjust by primer annealing temperature.

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

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