

FAST Quant Probe Master Mix

Date: 2015.01

Version: 15-01

Product Name	Cat. No.	Sample
FAST Quant Probe Master Mix	PT-GL-FQP-1ML	SA-GL-FQP (250 μ L)
FAST Quant Probe Master Mix with ROX	PT-GL-FQPR-1ML	SA-GL-FQPR (250 μ L)
FAST Quant Probe Master Mix with Low ROX	PT-GL-FQPLR-1ML	SA-GL-FQPLR (250 μ L)

Product Description:

The FAST Quant Probe Master Mix is a Hot-Start Master Mix for real-time PCR assay. The master mix contains HotStart DNA polymerase, optimized reaction buffer and nucleotides (including dUTP) and UNG.

Components: Store at -20°C

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

Component	Volume (μ L)	Final Concentration
FAST Quant Probe 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
Probe (10 μ M)	0.2-0.5	0.1 μ M-0.25 μ M
template	As required	-
H ₂ O	Up to 20	-

Typical cycling conditions for this kit are:

UNG	50°C 2 min
Hotstart activation	95°C 2 min
40 Cycles	95°C 10 sec
	60°C 20 sec
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

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