



Ultra-fast 1-Step RT-qPCR.

primaQUANT 1STEP RT-qPCR Master Mixes

- RNA-to-Result in <25 minutes
- Superior Sensitivity
- High Temperature Stability
- Suited for Multiplexing
- Single-tube 1-step Formulation



Steinbrenner
Laborsysteme GmbH

For all Cyclers & Applications.

primaQUANT 1STEP Master Mixes are designed to work on any common qPCR cycler and are available **with or without ROX**.

Article	Content	ROX	Assay
SL-9550	5, 10 or 20 ml	No ROX	Probes / Taqman®
SL-9550R		ROX	Probes / Taqman®
SL-9551		No ROX	SYBRGreen
SL-9551R		ROX	SYBRGreen

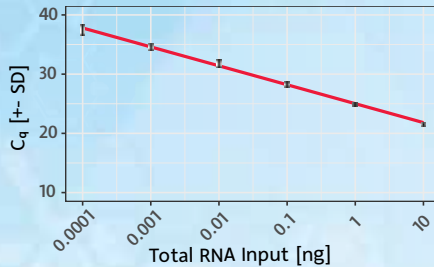
All prima QUANT products are “**Made in Germany**”. They are manufactured under **highest standards** and undergo strict quality controls.



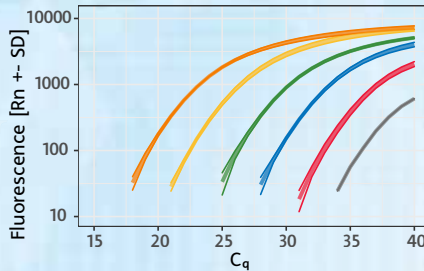
qPCR

Excellent performance.

The **high sensitivity** and **wide linear dynamic range** make primaQUANT 1STEP the perfect tool for your application. It provides consistent and reliable results for inputs as low as 0.1 pg total RNA per reaction.



Target: GAPDH
Linear Dynamic Range



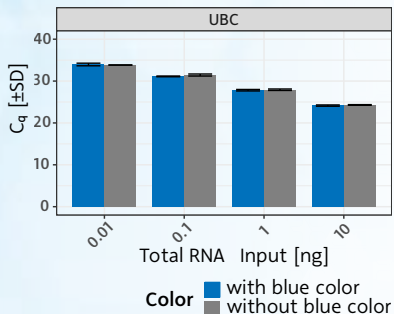
Legend for Fluorescence vs Ct graph:
0.0001
0.001
0.01
0.1
1
10
Target: GAPDH
Total RNA Input [ng]

primaQUANT

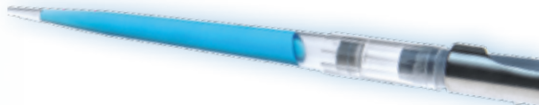


Blue color for visual control.

Blue Color of primaQUANT 1STEP does not influence performance.



For **easy handling and pipetting**, primaQUANT 1STEP Master Mixes include an **inert blue color**. It does not interfere with fluorescence measurements nor RNA/DNA amplification.



Suited for Multiplexing.

With **primaQUANT 1STEP PROBE Master Mixes** you can perform multiplex assays with **up to 4 colors** for all common types of probes.

For **dye-based applications**, primaQUANT 1STEP CYBR with SYBRGreen® dye is the right choice.

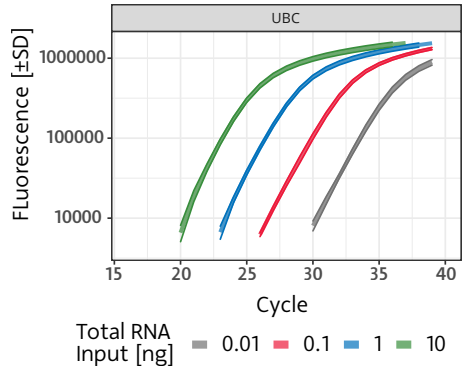
RNA to Result in < 25 minutes.

Designed for **ultra-fast qPCR protocols**, primaQUANT 1STEP Master Mixes allow you to run a full RT-qPCR directly from RNA in **less than 25 minutes**.

Stable at Room Temperature.

primaQUANT 1STEP Master Mixes are optimized for ice-free handling and pipetting. Their temperature stability exceeds weeks at **room temperature** and months at 4°C storage.

One-Step RT-qPCR with 40 Cycles and ultra-fast protocol.





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