Discover the New Generation of BIOREBA qPCR

BIOREBA qPCR sets now include lyophilized enzymes

A CALIBRE SCIENTIFIC COMPANY

BIOREBA

BIOREBA is a Swiss provider of high-quality diagnostic tests for plant pathogens, including DAS-ELISA reagents, lateral flow tests, and qPCR sets. All products are manufactured under **ISO 9001** standards, ensuring consistent and reliable performance.

In response to customer feedback and with a strong focus on usability, BIOREBA has **enhanced its qPCR sets with a new format** that includes lyophilized enzymes, while maintaining the high quality of the products. The combination of Reverse Transcriptase, DNA Polymerase, and Primer/Probe Mix in a single tube significantly **reduces** the number of pipetting steps. This streamlined format **minimizes the risk** of laboratory errors and makes the kits **easier to handle**. One of the key benefits of this upgrade is that the kits can now be **shipped at room temperature**, eliminating the need for expensive dry-ice transport and simplifying logistics.

Your Partner in Agro-Diagnostics

Composition BIOREBA qPCR sets:

Lyo (RT)-qPCR Master Mix	Lyophilized Master Mix including Reverse Transcriptase (RT; only for RNA targets), DNA Polymerase and Primer/Probe Mix
Reconstitution Buffer	For the resuspension of the Lyo (RT)-qPCR Master Mix
qPCR positive control	Specifically developed for each target
qPCR negative control	Negative control for RT-qPCR and qPCR sets
Nuclease-free water	For the dilution of the templates or as No-Template-Control (NTC)

Highlights of BIOREBA qPCR sets:

- Lyophilized Master Mix allowing room-temperature transport
- Fast and user-friendly protocol through integration of Reverse Transcriptase, DNA Polymerase and Primer/Probe Mix in a single tube of lyophilized (RT)-qPCR Master Mix
- One-step multiplex real-time PCR for the detection of one or more plant pathogens
- All qPCR sets include an Internal Positive Control (IPC) e.g. 18srRNA or COX
- Lot-to-lot consistency ensuring increased test security
- Developed and validated by BIOREBA

Our qPCR sets are available for the detection of:

- Potato leaf roll virus (PLRV) and Potato virus Y (PVY)
- Potato virus A (PVY) and Potato virus M (PVM)
- Potato virus S (PVS) and Potato virus (PVX)
- Tomato brown rugose fruit virus (ToBRFV)
- Hop latent viroid (HLVd)
- *Ralstonia solanacearum*
- Grapevine red blotch virus (GRBV), and more...



For more information, please consult the respective User Guides on www.bioreba.com