

Passive reference Technical Data Sheet

Reference: RT-PARE-03

Products and procedures describe in this protocol are intended for research purposes only.

Storage conditions

For long term storage the Passive reference should be stored at -15 °C to -25 °C in a constant temperature freezer. When stored under these conditions the reagents are stable for 2 years. Avoid repetitive freeze-thaw cycles.

Passive reference is stable at 4°C for one month.

Contents

300 µl Passive reference.

Procedure when using No ROX kits

Passive reference should be used in combination with one of the following No ROX kits on machines such as ABI 7500 or Stratagene Mx3000P® and Mx4000® :

qPCR Core kit No ROX / RT-QP73-05NR

qPCR Core kit for SYBR® green I No ROX / RT-SN10-05NR

qPCR MasterMix No ROX / RT-QP2X-03NR

qPCR MasterMix for SYBR® green I No ROX / RT-SN2X-03+NR

One step RTqPCR MasterMix Plus No ROX / RT-QPRT-032XNR

Two step RTqPCR Core kit No ROX / RT-QPRT-05NR

Two step RTqPCR Core kit for SYBR® green I No ROX / RT-SNRT-05NR

Two step RTqPCR MasterMix No ROX / RT-QP2X-03NRRT

Two step RTqPCR MasterMix for SYBR® green I No ROX / RT-SN2X-03NRRT

Protocol on a Stratagene Mx4000® or Mx3000P®

- Prepare a working solution by diluting 10 times the Passive reference.

For example: add 10 µl of Passive reference to 90 µl of PCR grade water

- Add 2 µl of the working solution / 50 µl reaction

Protocol on an ABI 7500

- Prepare a working solution by diluting 50 times the Passive reference.

For example: add 2 µl of Passive reference to 98 µl of PCR grade water

- Add 3.5 µl of the working solution / 50 µl reaction

Procedure when using Low ROX kits on an ABI Prism® 5700/7000/7300/7700/7900

Passive reference should be used in combination with one of the following Low ROX kits on machines such as ABI Prism® 5700, 7000, 7300, 7700 or 7900:

qPCR MasterMix Plus Low ROX / RT-QP2X-03+WOU LR

qPCR MasterMix Plus for SYBR® green I Low ROX / RT-SN2X-03+WOU LR

One step RTqPCR MasterMix Plus Low ROX / RT-QPRT-032XLR

Protocol on an ABI Prism® 5700/7000/7300/7700/7900

- Add 0.93 µl of the Passive reference stock / 50 µl reactions