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Eurogentec products are sold for research or laboratory use only and are not to be administered to humans or used for medical diagnostics.

Technical Data Sheet**ROX Passive Reference****RT-PARE-03 • RT-PARE-100 • 05-PARE-03 • 10-PARE-03**

[300 µL]

[10 mL]

[5 x 300 µL]

[10 x 300 µL]

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Description

The ROX passive reference consists of an inert dye whose fluorescence is stable along the qPCR reaction, allowing the normalization of well-to-well variations that may result from pipetting errors or instrument limitations.

Eurogentec's ROX passive reference has been specifically formulated for use on ABI, Stratagene and Eppendorf Real-Time thermocyclers. Any of our No ROX and Low ROX kits can be used in combination with a separate tube of the ROX passive reference.

Package content

RT-PARE-03: 300 µl of ROX passive reference.

RT-PARE-100: 10 mL of ROX passive reference.

05-PARE-03: 5 x 300 µl of ROX passive reference.

10-PARE-03: 10 x 300 µl of ROX passive reference.

Storage and shipping condition

- For long term storage the ROX 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.
- ROX passive reference is stable at 4°C for one month.
- Store in the dark. Minimizing exposure to direct light avoid loss of fluorescent signal intensity.
- Shipped on dry ice.

Protocol

The following table indicates the appropriate quantity of ROX passive reference to add in Takyon™ MasterMix depending on the thermocycler used, the Mix volume and concentration.

Starting Takyon™ MasterMix	No ROX		Low ROX	
	2 x	5 x	2 x	5 x
Platform used				
Mx3000P® Mx3005P® Mx4000®	8 µL / mL or 60 µL / 7.5 mL	20 µL / mL	N.A.	N.A.
ABI Prism® 7500 ABI Prism® FAST 7500 ViiA7™ QuantStudio™	2.8 µL / mL or 21 µL / 7.5 mL	7 µL / mL	N.A.	N.A.
ABI Prism® 5700 ABI Prism® 7000 ABI Prism® 7300 ABI Prism® 7700 ABI Prism® 7900 ABI Prism® FAST 7900 ABI Step One ABI Step One Plus MasterCycler® ep realplex I & II (Firmware 2.1 or below)	40 µL / mL or 300 µL / 7.5 mL	100 µL / mL	37.2 µl / ml or 279 µl / 7.5 ml	93 µl / ml or 697.5 µl / 7.5 ml

For further information please contact our Customer Help Desk:**For Europe:**

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SYBR® Green I nucleic acid gel stain

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