

May 2018

Product Sheet

XpressRef

Universal Total

RNA

For use as an internal control in array analysis

XpressRef Universal Total RNA is available for human, mouse or rat. XpressRef Universal Total RNA contains the broadest possible representation of genes from a specific organism. XpressRef Universal Total RNA enables troubleshooting in real-time or semi-quantitative RT-PCR gene expression analyses when the gene of interest is difficult to detect. In addition, XpressRef Universal Total RNA can be used to optimize real-time RT-PCR gene expression assays when experimental RNA samples are precious by allowing the determination of amplification efficiencies. Two aliquots of 100 µg RNA are provided in this kit (with the exact concentration printed on the tube labels), which is enough for multiple array or RT-PCR experiments.

Contents

Product	Contents	Cat. no.
Human XpressRef Universal Total RNA	2 tubes each containing 100 µg RNA	338112
Mouse XpressRef Universal Total RNA	2 tubes each containing 100 µg RNA	338114
Rat XpressRef Universal Total RNA	2 tubes each containing 100 µg RNA	338116

Shipping and storage

XpressRef Universal Total RNA is shipped at -20°C . For long-term storage, store XpressRef Universal Total RNA at -80°C . If stored under these conditions, XpressRef Universal Total RNA is stable for one year after receipt.

Note: Open the package and store the products appropriately immediately on receipt.

Quality control

Distinct 28S and 18S ribosomal bands are observed with denaturing agarose-gel electrophoresis.

Ordering Information

Product	Contents	Cat. no.
RT ² Profiler PCR Arrays	For pathway-focused gene expression analysis using laboratory-verified assays	Varies
RT ² qPCR Primer Assays	For accurate and reliable gene expression analysis using laboratory-verified assays	Varies
RT ² SYBR [®] Green qPCR Mastermix (2)*	Contains 2 x 1.35 ml tubes: for 2 x 96-well RT ² PCR Arrays, 1 x 384-well RT ² PCR Arrays or 200 x 25 μl reactions or 400 x 10 μl reactions	330500
RT ² SYBR Green ROX [™] qPCR Mastermix (2)*	Contains 2 x 1.35 ml tubes: for 2 x 96-well RT ² PCR Arrays, 1 x 384-well RT ² PCR Array or 200 x 25 μl reactions or 400 x 10 μl reactions	330520
RT ² SYBR Green Fluor qPCR Mastermix (2)*	Contains 2 x 1.35 ml tubes: for 2 x 96-well RT ² PCR Arrays, 1 x 384-well RT ² PCR Array or 200 x 25 μl reactions or 400 x 10 μl reactions	330510
RT ² SYBR Green ROX FAST Mastermix (2)*	Contains 2 x 1.35 ml tubes: for 12 x 100-well ring discs on the QIAGEN [®] Rotor-Gene [®] Q or 250 x 20 μl reactions	330620

* Larger kit sizes available; please inquire.

Revision History

Document revision history	
R2 05/2018	Updated format

The XpressRef Universal Total RNA and RT² PCR Array products are intended for molecular biology applications. These products are not intended for the diagnosis, prevention, or treatment of a disease.

For up-to-date licensing information and product-specific disclaimers, see the respective QIAGEN kit handbook or user manual. QIAGEN kit handbooks and user manuals are available at www.qiagen.com or can be requested from QIAGEN Technical Services or your local distributor.

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