

Product Data Sheet

miRCURY LNA™ miRNA QC PCR Panels

The miRCURY LNA™ miRNA QC PCR Panel contains 12 pre-defined assays to investigate RNA integrity in tissue, cell culture and bio-fluidic samples (6 LNA microRNA primer sets and 5 reference genes and one UniSp3). The assays are available in 96 well format (8 samples/plate) or 384 well format (32 samples/plate). The panel is compatible with human (hsa), mouse (mmu), rat (rno), monkey (mml) and dog (cfa). It is designed to be used together with the RNA Spike-in kit, for RT Kit (339390). The panel contains a number of miRCURY LNA™ miRNA PCR Assays specifically selected for investigation of RNA quality. The assays target both spike-ins and different biological markers. The spike-ins are used to evaluate sample preparation, cDNA synthesis, qPCR synthesis, whereas the biological markers are used to evaluate the sample in its biological context.

For a detailed product description and information on assay coverage and included control assays please see the plate layout file (Gene Resource List). Please visit www.qiagen.com, search for the specific cat. no. and see the "Gene List" tab.

For instructions on how to use the miRCURY PCR panels, please refer to the miRCURY LNA™ PCR Instruction manual (provided separately or available from www.qiagen.com).

Product details

Product group	miRCURY LNA™ miRNA PCR Panels
Product name	miRCURY LNA™ miRNA QC PCR Panels
Expiration date	See plate
Content	16 QC panel sets in two 96-well PCR plate or 32 QC panel sets in one 96-well PCR plate

Format	Suitable real-time cyclers	Plate	Cat. no.	Description
A	Applied Biosystems® models 5700, 7000, 7300, 7500, 7700, 7900HT, ViiA™ 7 (96-well block); Bio-Rad® models iCycler®, iQ™5, MyiQ™, MyiQ2; Bio-Rad/MJ Research Chromo4™; Eppendorf® MasterCycler® ep realplex models 2, 2s, 4, 4s; Stratagene® models Mx3005P®, Mx3000P®; Takara: TP-800	96-well 2 plates	YAHS-999YA-2	QC
C	Applied Biosystems models 7500 (Fast block), 7900HT (Fast block), StepOnePlus™, ViiA 7 (Fast block)	96-well 2 plates	YAHS-999YC-2	QC

Format	Suitable real-time cyclers	Plate	Cat. no.	Description
D	Bio-Rad CFX96™; Bio-Rad/MJ Research models DNA Engine Opticon®, DNA Engine Opticon 2; Stratagene Mx4000®	96-well 2 plates	YAHS-999YD-2	QC
F	Roche® LightCycler® 480 (96-well block)	96-well 2 plates	YAHS-999YF-2	QC
E	Applied Biosystems models 7900HT (384-well block), ViiA 7 (384-well block); Bio-Rad CFX384™	384-well 1 plates	YAHS-999YE-1	QC
G	Roche: LightCycler 480 (384-well block)	384-well 1 plates	YAHS-999YG-1	QC

Important

The miRCURY LNA™ miRNA PCR Panels are Ready-to-Use and designed for optimal performance with the miRCURY LNA RT Kit and the miRCURY LNA SYBR® Green PCR Kit. The performance of the primer sets will be affected when used in combination with less than optimal reagents. Use the miRCURY LNA miRNA PCR Panel Handbook for experiment setup. RNA work requires specific handling and precautions should be taken to prevent RNase contamination and degradation of the RNA sample and reagents.

Shipping and storage

The Ready-to-Use miRCURY LNA miRNA PCR Panels are shipped at room temperature and can be stored at 4°C for at least 6 months. For long term storage, it is recommended to place the panels at -20°C. Under these conditions, the LNA PCR primers are stable for at least 6 months after receipt.

Intended use

miRCURY LNA miRNA PCR Assays are intended for molecular biology applications. This product is not intended for the diagnosis, prevention or treatment of a disease.

Safety information

When working with chemicals, always wear a suitable lab coat, disposable gloves, and protective goggles. For more information, please consult the appropriate safety data sheets (SDSs). These are available online in convenient and compact PDF format at **www.qiagen.com/safety** where you can find, view and print the SDS for each QIAGEN kit and kit component.

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.