

miRCURY LNA™ miRNA Focus PCR Panels

Human Urine Exosome Product Data Sheet

Cat. no. 339325 YAHS-123Y

For mature miRNA expression profiling using real-time PCR

Format	Suitable real-time cyclers	Plate	Cat. no.
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	YAHS-123YA
C	Applied Biosystems models 7500 (Fast block), 7900HT (Fast block), StepOnePlus™, ViiA 7 (Fast block)	96-well	YAHS-123YC
D	Bio-Rad CFX96™; Bio-Rad/MJ Research models DNA Engine Opticon®, DNA Engine Opticon 2; Stratagene Mx4000®	96-well	YAHS-123YD
E	Applied Biosystems® models 7900HT (384-well block), ViiA™ 7 (384-well block); Bio-Rad CFX384™	384-well	YAHS-123YE
F	Roche® LightCycler® 480 (96-well block)	96-well	YAHS-123YF
G	Roche® LightCycler® 480 (384-well block)	384-well	YAHS-123YG

For further details, consult the *miRCURY LNA™ miRNA Focus PCR Panels Handbook*.

Array Layout

	1	2	3	4	5	6	7	8	9	10	11	12
A	hsa-let-7a-5p	hsa-let-7b-5p	hsa-let-7d-3p	hsa-let-7d-5p	hsa-let-7e-5p	hsa-let-7f-5p	hsa-let-7g-5p	hsa-let-7f-5p	hsa-miR-10a-5p	hsa-miR-10b-5p	hsa-miR-15a-5p	UniSP3
B	hsa-miR-15b-5p	hsa-miR-16-5p	hsa-miR-17-5p	hsa-miR-20a-5p	hsa-miR-21-5p	hsa-miR-22-3p	hsa-miR-22-5p	hsa-miR-23a-3p	hsa-miR-23b-3p	hsa-miR-24-3p	hsa-miR-25-3p	UniSp6
C	hsa-miR-26a-5p	hsa-miR-26b-5p	hsa-miR-27a-3p	hsa-miR-27b-3p	hsa-miR-29a-3p	hsa-miR-29b-3p	hsa-miR-29c-3p	hsa-miR-30a-5p	hsa-miR-30b-5p	hsa-miR-30c-5p	hsa-miR-30d-5p	UniSP3
D	hsa-miR-30e-3p	hsa-miR-30e-5p	hsa-miR-31-3p	hsa-miR-31-5p	hsa-miR-34a-5p	hsa-miR-92a-3p	hsa-miR-93-5p	hsa-miR-99a-5p	hsa-miR-99b-5p	hsa-miR-101-3p	hsa-miR-103a-3p	UniSP3
E	hsa-miR-106a-5p	hsa-miR-106b-5p	hsa-miR-107	hsa-miR-125b-5p	hsa-miR-126-3p	hsa-miR-128-3p	hsa-miR-133a-3p	hsa-miR-135b-5p	hsa-miR-141-3p	hsa-miR-145-5p	hsa-miR-148a-3p	hsa-miR-148b-3p
F	hsa-miR-149-5p	hsa-miR-151a-5p	hsa-miR-181a-5p	hsa-miR-187-3p	hsa-miR-191-5p	hsa-miR-193b-3p	hsa-miR-195-5p	hsa-miR-197-3p	hsa-miR-200a-3p	hsa-miR-200b-3p	hsa-miR-200c-3p	hsa-miR-203a-3p
G	hsa-miR-204-5p	hsa-miR-210-3p	hsa-miR-221-3p	hsa-miR-222-3p	hsa-miR-301a-3p	hsa-miR-342-3p	hsa-miR-365a-3p	hsa-miR-375-3p	hsa-miR-378a-3p	hsa-miR-423-3p	hsa-miR-423-5p	hsa-miR-425-5p
H	hsa-miR-429	hsa-miR-500a-5p	hsa-miR-532-5p	hsa-miR-574-3p	hsa-miR-582-5p	hsa-miR-598-3p	hsa-miR-660-5p	cel-miR-39-3p	UniSp2	UniSp4	UniSp5	BlankSpot

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-let-7a-5p	MIMAT0000062	YP00205727	E01	hsa-miR-106a-5p	MIMAT0000103	YP00204563
A02	hsa-let-7b-5p	MIMAT0000063	YP00204750	E02	hsa-miR-106b-5p	MIMAT0000680	YP00205884
A03	hsa-let-7d-3p	MIMAT0004484	YP00205627	E03	hsa-miR-107	MIMAT0000104	YP00204468
A04	hsa-let-7d-5p	MIMAT0000065	YP00204124	E04	hsa-miR-125b-5p	MIMAT0000423	YP00205713
A05	hsa-let-7e-5p	MIMAT0000066	YP00205711	E05	hsa-miR-126-3p	MIMAT0000445	YP00204227
A06	hsa-let-7f-5p	MIMAT0000067	YP00204359	E06	hsa-miR-128-3p	MIMAT0000424	YP00205995
A07	hsa-let-7g-5p	MIMAT0000414	YP00204565	E07	hsa-miR-133a-3p	MIMAT0000427	YP00204788
A08	hsa-let-7i-5p	MIMAT0000415	YP00204394	E08	hsa-miR-135b-5p	MIMAT0000758	YP00204130
A09	hsa-miR-10a-5p	MIMAT0000253	YP00204778	E09	hsa-miR-141-3p	MIMAT0000432	YP00204504
A10	hsa-miR-10b-5p	MIMAT0000254	YP00205637	E10	hsa-miR-145-5p	MIMAT0000437	YP00204483
A11	hsa-miR-15a-5p	MIMAT0000068	YP00204066	E11	hsa-miR-148a-3p	MIMAT0000243	YP00205867
A12	UniSP3	N/A	YP02119288	E12	hsa-miR-148b-3p	MIMAT0000759	YP00204047
B01	hsa-miR-15b-5p	MIMAT0000417	YP00204243	F01	hsa-miR-149-5p	MIMAT0000450	YP00204321
B02	hsa-miR-16-5p	MIMAT0000069	YP00205702	F02	hsa-miR-151a-5p	MIMAT0004697	YP00204007
B03	hsa-miR-17-5p	MIMAT0000070	YP02119304	F03	hsa-miR-181a-5p	MIMAT0000256	YP00206081
B04	hsa-miR-20a-5p	MIMAT0000075	YP00204292	F04	hsa-miR-187-3p	MIMAT0000262	YP00204018
B05	hsa-miR-21-5p	MIMAT0000076	YP00204230	F05	hsa-miR-191-5p	MIMAT0000440	YP00204306
B06	hsa-miR-22-3p	MIMAT0000077	YP00204606	F06	hsa-miR-193b-3p	MIMAT0002819	YP00204226
B07	hsa-miR-22-5p	MIMAT0004495	YP00204255	F07	hsa-miR-195-5p	MIMAT0000461	YP00205869
B08	hsa-miR-23a-3p	MIMAT0000078	YP00204772	F08	hsa-miR-197-3p	MIMAT0000227	YP00204380
B09	hsa-miR-23b-3p	MIMAT0000418	YP00204790	F09	hsa-miR-200a-3p	MIMAT0000682	YP00204707
B10	hsa-miR-24-3p	MIMAT0000080	YP00204260	F10	hsa-miR-200b-3p	MIMAT0000318	YP00206071
B11	hsa-miR-25-3p	MIMAT0000081	YP00204361	F11	hsa-miR-200c-3p	MIMAT0000617	YP00204482
B12	UniSp6	N/A	YP00203954	F12	hsa-miR-203a-3p	MIMAT0000264	YP00205914
C01	hsa-miR-26a-5p	MIMAT0000082	YP00206023	G01	hsa-miR-204-5p	MIMAT0000265	YP00206072
C02	hsa-miR-26b-5p	MIMAT0000083	YP00204172	G02	hsa-miR-210-3p	MIMAT0000267	YP00204333
C03	hsa-miR-27a-3p	MIMAT0000084	YP00206038	G03	hsa-miR-221-3p	MIMAT0000278	YP00204532
C04	hsa-miR-27b-3p	MIMAT0000419	YP00205915	G04	hsa-miR-222-3p	MIMAT0000279	YP00204551
C05	hsa-miR-29a-3p	MIMAT0000086	YP00204698	G05	hsa-miR-301a-3p	MIMAT0000688	YP00205601
C06	hsa-miR-29b-3p	MIMAT0000100	YP00204679	G06	hsa-miR-342-3p	MIMAT0000753	YP00205625
C07	hsa-miR-29c-3p	MIMAT0000681	YP00204729	G07	hsa-miR-365a-3p	MIMAT0000710	YP00204622
C08	hsa-miR-30a-5p	MIMAT0000087	YP00205695	G08	hsa-miR-375-3p	MIMAT0000728	YP00204362
C09	hsa-miR-30b-5p	MIMAT0000420	YP00204765	G09	hsa-miR-378a-3p	MIMAT0000732	YP00205946
C10	hsa-miR-30c-5p	MIMAT0000244	YP00204783	G10	hsa-miR-423-3p	MIMAT0001340	YP00204488
C11	hsa-miR-30d-5p	MIMAT0000245	YP00206047	G11	hsa-miR-423-5p	MIMAT0004748	YP00205624
C12	UniSP3	N/A	YP02119288	G12	hsa-miR-425-5p	MIMAT0003393	YP00204337
D01	hsa-miR-30e-3p	MIMAT0000693	YP00204410	H01	hsa-miR-429	MIMAT0001536	YP00205901
D02	hsa-miR-30e-5p	MIMAT0000692	YP00204714	H02	hsa-miR-500a-5p	MIMAT0004773	YP00204794
D03	hsa-miR-31-3p	MIMAT0004504	YP00204079	H03	hsa-miR-532-5p	MIMAT0002888	YP00204221
D04	hsa-miR-31-5p	MIMAT0000089	YP00204236	H04	hsa-miR-574-3p	MIMAT0003239	YP00206011
D05	hsa-miR-34a-5p	MIMAT0000255	YP00204486	H05	hsa-miR-582-5p	MIMAT0003247	YP00204254
D06	hsa-miR-92a-3p	MIMAT0000092	YP00204258	H06	hsa-miR-598-3p	MIMAT0003266	YP00204320
D07	hsa-miR-93-5p	MIMAT0000093	YP00204715	H07	hsa-miR-660-5p	MIMAT0003338	YP00205911
D08	hsa-miR-99a-5p	MIMAT0000097	YP00204521	H08	cel-miR-39-3p	MIMAT0000010	YP00203952
D09	hsa-miR-99b-5p	MIMAT0000689	YP00205983	H09	UniSp2	N/A	YP00203950
D10	hsa-miR-101-3p	MIMAT0000099	YP00204786	H10	UniSp4	N/A	YP00203953
D11	hsa-miR-103a-3p	MIMAT0000101	YP00204063	H11	UniSp5	N/A	YP00203955
D12	UniSP3	N/A	YP02119288	H12	BlankSpot	N/A	YP02119291

Ordering Information

Product	Contents	Cat. no.
miRCURY LNA miRNA Focus PCR Panels	miRCURY LNA miRNA PCR Panels for application-based miRNome profiling, available in 96-well or 384-well format; for SYBR® Green-based detection	339325
miRCURY LNA miRNA miRNome PCR Panels	miRCURY LNA miRNA PCR Panels for PCR-based miRNome profiling, available in 384-well format; for SYBR® Green-based detection	339322
miRCURY LNA miRNA QC PCR Panel	miRCURY LNA miRNA PCR Panel of quality control assays, available in 96-well or 384-well format; for SYBR® Green-based detection	339331
miRCURY LNA miRNA Custom PCR Panels	8 identical, ready-to-use 96- or 384-well plates; each well contains primers sufficient for one 10 µl reaction; for SYBR® Green-based detection	339330
miRCURY LNA Custom PCR Panel Additional Plate	Additional miRCURY LNA Custom PCR Panel plates; set of 4 plates; only available in addition to the base plates ordered through the core product (cat. no. 339330)	339332
miRCURY LNA miRNA PCR Assays	Contains forward and reverse primers for 200 SYBR® Green-based, real-time qPCR reactions, 166 EvaGreen-based digital PCR reactions for Nanoplate 8.5k or 50 EvaGreen-based digital PCR reactions for Nanoplate 26k	339306
miRCURY LNA miRNA Probe PCR Assays	Complete premixed assays containing LNA-enhanced target-specific forward primer and probe. For 200 reactions.	339350
miRCURY LNA miRNA Custom Probe PCR Assays	Custom-designed, target-specific forward primer and probe for any user-defined miRNA target. Complete premixed assay for 200 reactions.	339351

Related Products

Product	Contents	Cat. no.
miRCURY LNA RT Kit	For 8–64 cDNA synthesis reactions: 5x RT SYBR Green Reaction Buffer, 5x RT Probe Reaction Buffer, 10x RT Enzyme Mix, UniSp6, RNA Spike-in template, RNase-Free Water	339340
RNA Spike-In Kit, For RT	Contains the UniSp2, UniSp4, and UniSp5 RNA Spike-in Template Mix and the cel-miR-39-3p RNA Spike-in Template	339390
miRCURY LNA SYBR® Green PCR Kits (200)	For 200 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339345
miRCURY LNA SYBR® Green PCR Kits (600)	For 600 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339346
miRCURY LNA SYBR® Green PCR Kits (4000)	For 4000 reactions: 2X miRCURY SYBR Green Master Mix, RNase-Free Water	339347
miRCURY LNA Probe PCR Kit (200)	For 200 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339371
miRCURY LNA Probe PCR Kit (800)	For 800 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339372
miRCURY LNA Probe PCR Kit (4000)	For 4000 reactions: 2X QuantiNova Probe Master Mix, 10X miRCURY Probe Univ. Primer, Rox Reference Dye, RNase-Free Water	339373
miRCURY LNA miRNA PCR Starter Kit	Two miRCURY LNA PCR Assays of your choice, spike-in control Assay (UniSp6), one candidate endogenous control assay (miR-103-3p) and all reagents for 20 reverse transcription reactions and 100 PCR amplifications; for SYBR® Green-based qPCR detection	339320

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.

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