

miRCURY LNA™ miRNA Focus PCR Panels

Human Inflammatory Response & Autoimmunity

Product Data Sheet

Cat. no. 339325 YAHS-205Z

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-205ZA
C	Applied Biosystems models 7500 (Fast block), 7900HT (Fast block), StepOnePlus™, ViiA 7 (Fast block)	96-well	YAHS-205ZC
D	Bio-Rad CFX96™; Bio-Rad/MJ Research models DNA Engine Opticon®, DNA Engine Opticon 2; Stratagene Mx4000®	96-well	YAHS-205ZD
E	Applied Biosystems® models 7900HT (384-well block), ViiA™ 7 (384-well block); Bio-Rad CFX384™	384-well	YAHS-205ZE
F	Roche® LightCycler® 480 (96-well block)	96-well	YAHS-205ZF
G	Roche® LightCycler® 480 (384-well block)	384-well	YAHS-205ZG

Description

The Human Inflammatory Response & Autoimmunity miRCURY LNA™ miRNA Focus PCR Panel profiles the expression of 84 miRNAs predicted to regulate the expression of proinflammatory or antiinflammatory genes. This array provides researchers with a convenient way to quickly analyze the miRNAs most likely to be relevant to inflammatory and autoimmune disorders. These miRNAs have been carefully selected based on those predicted by bioinformatic algorithms and databases to regulate genes known to be relevant to inflammation. The profiling results from this array can serve as a useful molecular marker for the study of normal and pathological inflammation. The results may also provide a deeper understanding of the molecular mechanisms regulating inflammatory gene expression by miRNA. A set of controls present on this array enables data analysis using the $\Delta\Delta CT$ method of relative quantification, assessment of reverse transcription performance, and assessment of PCR performance. Using SYBR Green-based real-time PCR, the expression of a focused panel of miRNAs predicted to regulate inflammatory and autoimmune response genes can be easily and reliably analyzed with this miRCURY LNA™ miRNA Focus PCR Panel.

For further details, consult the *miRCURY LNA™ 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-7c-5p	hsa-let-7d-5p	hsa-let-7e-5p	hsa-let-7f-5p	hsa-let-7g-5p	hsa-let-7f-5p	hsa-miR-101-3p	hsa-miR-106b-5p	hsa-miR-125a-5p	hsa-miR-125b-5p
B	hsa-miR-128-3p	hsa-miR-130a-3p	hsa-miR-130b-3p	hsa-miR-1324	hsa-miR-144-3p	hsa-miR-145-5p	hsa-miR-15a-5p	hsa-miR-15b-5p	hsa-miR-16-5p	hsa-miR-17-5p	hsa-miR-181a-5p	hsa-miR-181b-5p
C	hsa-miR-181c-5p	hsa-miR-181d-5p	hsa-miR-186-5p	hsa-miR-195-5p	hsa-miR-19a-3p	hsa-miR-19b-3p	hsa-miR-202-3p	hsa-miR-20a-5p	hsa-miR-20b-5p	hsa-miR-21-5p	hsa-miR-211-5p	hsa-miR-23a-3p
D	hsa-miR-23b-3p	hsa-miR-29a-3p	hsa-miR-29b-3p	hsa-miR-29c-3p	hsa-miR-300	hsa-miR-301a-3p	hsa-miR-301b-3p	hsa-miR-302a-3p	hsa-miR-302b-3p	hsa-miR-302c-3p	hsa-miR-30a-5p	hsa-miR-30b-5p
E	hsa-miR-30c-5p	hsa-miR-30d-5p	hsa-miR-30e-5p	hsa-miR-340-5p	hsa-miR-34a-5p	hsa-miR-34c-5p	hsa-miR-372-3p	hsa-miR-373-3p	hsa-miR-374a-5p	hsa-miR-381-3p	hsa-miR-410-3p	hsa-miR-424-5p
F	hsa-miR-449a	hsa-miR-449b-5p	hsa-miR-454-3p	hsa-miR-497-5p	hsa-miR-511-5p	hsa-miR-513b-5p	hsa-miR-519c-3p	hsa-miR-519d-3p	hsa-miR-520d-3p	hsa-miR-520e-3p	hsa-miR-524-5p	hsa-miR-543
G	hsa-miR-545-3p	hsa-miR-548c-3p	hsa-miR-548d-3p	hsa-miR-548e-3p	hsa-miR-590-5p	hsa-miR-607	hsa-miR-655-3p	hsa-miR-656-3p	hsa-miR-875-3p	hsa-miR-9-5p	hsa-miR-93-5p	hsa-miR-98-5p
H	cel-miR-39-3p	cel-miR-39-3p	SNORD44 (hsa)	SNORD388 (hsa)	SNORD49A (hsa)	U6 snRNA (v2)	UniSp2	UniSp4	UniSp5	UniSp6	UniSp3	UniSp3

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-let-7a-5p	MIMAT0000062	YP00205727	E01	hsa-miR-30c-5p	MIMAT0000244	YP00204783
A02	hsa-let-7b-5p	MIMAT0000063	YP00204750	E02	hsa-miR-30d-5p	MIMAT0000245	YP00206047
A03	hsa-let-7c-5p	MIMAT0000064	YP00204767	E03	hsa-miR-30e-5p	MIMAT0000692	YP00204714
A04	hsa-let-7d-5p	MIMAT0000065	YP00204124	E04	hsa-miR-340-5p	MIMAT0004692	YP00206068
A05	hsa-let-7e-5p	MIMAT0000066	YP00205711	E05	hsa-miR-34a-5p	MIMAT0000255	YP00204486
A06	hsa-let-7f-5p	MIMAT0000067	YP00204359	E06	hsa-miR-34c-5p	MIMAT0000686	YP00205659
A07	hsa-let-7g-5p	MIMAT0000414	YP00204565	E07	hsa-miR-372-3p	MIMAT0000724	YP00204137
A08	hsa-let-7i-5p	MIMAT0000415	YP00204394	E08	hsa-miR-373-3p	MIMAT0000726	YP00204604
A09	hsa-miR-101-3p	MIMAT0000099	YP00204786	E09	hsa-miR-374a-5p	MIMAT0000727	YP00204758
A10	hsa-miR-106b-5p	MIMAT0000680	YP00205884	E10	hsa-miR-381-3p	MIMAT0000736	YP00205887
A11	hsa-miR-125a-5p	MIMAT0000443	YP00204339	E11	hsa-miR-410-3p	MIMAT0002171	YP00204042
A12	hsa-miR-125b-5p	MIMAT0000423	YP00205713	E12	hsa-miR-424-5p	MIMAT0001341	YP00204736
B01	hsa-miR-128-3p	MIMAT0000424	YP00205995	F01	hsa-miR-449a	MIMAT0001541	YP00204481
B02	hsa-miR-130a-3p	MIMAT0000425	YP00204658	F02	hsa-miR-449b-5p	MIMAT0003327	YP00204751
B03	hsa-miR-130b-3p	MIMAT0000691	YP00204317	F03	hsa-miR-454-3p	MIMAT0003885	YP00205663
B04	hsa-miR-1324	MIMAT0005956	YP02104152	F04	hsa-miR-497-5p	MIMAT0002820	YP00204354
B05	hsa-miR-144-3p	MIMAT0000436	YP00204754	F05	hsa-miR-511-5p	MIMAT0002808	YP00204046
B06	hsa-miR-145-5p	MIMAT0000437	YP00204483	F06	hsa-miR-513b-5p	MIMAT0005788	YP00205620
B07	hsa-miR-15a-5p	MIMAT0000068	YP00204066	F07	hsa-miR-519c-3p	MIMAT0002832	YP00204016
B08	hsa-miR-15b-5p	MIMAT0000417	YP00204243	F08	hsa-miR-519d-3p	MIMAT0002853	YP00204062
B09	hsa-miR-16-5p	MIMAT0000069	YP00205702	F09	hsa-miR-520d-3p	MIMAT0002856	YP00204040
B10	hsa-miR-17-5p	MIMAT0000070	YP02119304	F10	hsa-miR-520e-3p	MIMAT0002825	YP00204013
B11	hsa-miR-181a-5p	MIMAT0000256	YP00206081	F11	hsa-miR-524-5p	MIMAT0002849	YP00204135
B12	hsa-miR-181b-5p	MIMAT0000257	YP00204530	F12	hsa-miR-543	MIMAT0004954	YP00204447
C01	hsa-miR-181c-5p	MIMAT0000258	YP00204683	G01	hsa-miR-545-3p	MIMAT0003165	YP00206087
C02	hsa-miR-181d-5p	MIMAT0002821	YP00204789	G02	hsa-miR-548c-3p	MIMAT0003285	YP00204697
C03	hsa-miR-186-5p	MIMAT0000456	YP00206053	G03	hsa-miR-548d-3p	MIMAT0003323	YP00205608
C04	hsa-miR-195-5p	MIMAT0000461	YP00205869	G04	hsa-miR-548e-3p	MIMAT0005874	YP00206005
C05	hsa-miR-19a-3p	MIMAT0000073	YP00205862	G05	hsa-miR-590-5p	MIMAT0003258	YP00204222
C06	hsa-miR-19b-3p	MIMAT0000074	YP00204450	G06	hsa-miR-607	MIMAT0003275	YP00204649
C07	hsa-miR-202-3p	MIMAT0002811	YP00205990	G07	hsa-miR-655-3p	MIMAT0003331	YP00205645
C08	hsa-miR-20a-5p	MIMAT0000075	YP00204292	G08	hsa-miR-656-3p	MIMAT0003332	YP02119466
C09	hsa-miR-20b-5p	MIMAT0001413	YP00204755	G09	hsa-miR-875-3p	MIMAT0004923	YP00204231
C10	hsa-miR-21-5p	MIMAT0000076	YP00204230	G10	hsa-miR-9-5p	MIMAT0000441	YP00204513
C11	hsa-miR-211-5p	MIMAT0000268	YP00204009	G11	hsa-miR-93-5p	MIMAT0000093	YP00204715
C12	hsa-miR-23a-3p	MIMAT0000078	YP00204772	G12	hsa-miR-98-5p	MIMAT0000096	YP00204640
D01	hsa-miR-23b-3p	MIMAT0000418	YP02119314	H01	cel-miR-39-3p	MIMAT0000010	YP00203952
D02	hsa-miR-29a-3p	MIMAT0000086	YP00204698	H02	cel-miR-39-3p	MIMAT0000010	YP00203952
D03	hsa-miR-29b-3p	MIMAT0000100	YP00204679	H03	SNORD44 (hsa)	N/A	YP00203902
D04	hsa-miR-29c-3p	MIMAT0000681	YP00204729	H04	SNORD388 (hsa)	N/A	YP00203901
D05	hsa-miR-300	MIMAT0004903	YP00204756	H05	SNORD49A (hsa)	N/A	YP00203904
D06	hsa-miR-301a-3p	MIMAT0000688	YP00205601	H06	U6 snRNA (v2)	N/A	YP02119464
D07	hsa-miR-301b-3p	MIMAT0004958	YP00204390	H07	UniSp2	N/A	YP00203950
D08	hsa-miR-302a-3p	MIMAT0000684	YP00206059	H08	UniSp4	N/A	YP00203953
D09	hsa-miR-302b-3p	MIMAT0000715	YP00204773	H09	UniSp5	N/A	YP00203955
D10	hsa-miR-302c-3p	MIMAT0000717	YP00204403	H10	UniSp6	N/A	YP00203954
D11	hsa-miR-30a-5p	MIMAT0000087	YP00205695	H11	UniSP3	N/A	YP02119288
D12	hsa-miR-30b-5p	MIMAT0000420	YP00204765	H12	UniSP3	N/A	YP02119288

Functional Groupings

Inflammation: hsa-let-7e-5p,hsa-miR-106b-5p,hsa-miR-15b-5p,hsa-miR-16-5p,hsa-miR-17-5p,hsa-miR-181a-5p,hsa-miR-181b-5p,hsa-miR-181c-5p,hsa-miR-19a-3p,hsa-miR-19b-3p,hsa-miR-20a-5p,hsa-miR-23b-3p,hsa-miR-30e-5p,hsa-miR-340-5p,hsa-miR-98-5p.

Autoimmunity: hsa-let-7d-5p,hsa-let-7e-5p,hsa-let-7f-5p,hsa-let-7i-5p,hsa-miR-128-3p,hsa-miR-16-5p,hsa-miR-17-5p,hsa-miR-181a-5p,hsa-miR-181b-5p,hsa-miR-186-5p,hsa-miR-19a-3p,hsa-miR-20a-5p,hsa-miR-23a-3p,hsa-miR-23b-3p,hsa-miR-29a-3p,hsa-miR-29c-3p,hsa-miR-301a-3p,hsa-miR-93-5p.

Innate & Adaptive Immunity: hsa-let-7i-5p,hsa-miR-17-5p,hsa-miR-181a-5p,hsa-miR-19a-3p,hsa-miR-19b-3p,hsa-miR-20a-5p,hsa-miR-9-5p.

Bioinformatics Predictions

Regulation of Acute-Phase Response: hsa-let-7a-5p,hsa-let-7b-5p,hsa-let-7c-5p,hsa-let-7d-5p,hsa-let-7e-5p,hsa-let-7f-5p,hsa-let-7g-5p,hsa-let-7i-5p,hsa-miR-101-3p,hsa-miR-106b-5p,hsa-miR-125a-5p,hsa-miR-125b-5p,hsa-miR-130a-3p,hsa-miR-130b-3p,hsa-miR-144-3p,hsa-miR-17-5p,hsa-miR-202-3p,hsa-miR-20a-5p,hsa-miR-20b-5p,hsa-miR-21-5p,hsa-miR-29a-3p,hsa-miR-29b-3p,hsa-miR-29c-3p,hsa-miR-301a-3p,hsa-miR-34a-5p,hsa-miR-34c-5p,hsa-miR-374a-5p,hsa-miR-410-3p,hsa-miR-449a,hsa-miR-449b-5p,hsa-miR-454-3p,hsa-miR-511-5p,hsa-miR-519c-3p,hsa-miR-519d-3p,hsa-miR-524-5p,hsa-miR-548c-3p,hsa-miR-548d-3p,hsa-miR-590-5p,hsa-miR-655-3p,hsa-miR-875-3p,hsa-miR-93-5p,hsa-miR-98-5p.

Regulation of Cytokine Metabolism: hsa-let-7a-5p,hsa-let-7b-5p,hsa-let-7c-5p,hsa-let-7d-5p,hsa-let-7e-5p,hsa-let-7f-5p,hsa-let-7g-5p,hsa-let-7i-5p,hsa-miR-125a-5p,hsa-miR-125b-5p,hsa-miR-128-3p,hsa-miR-130a-3p,hsa-miR-130b-3p,hsa-miR-145-5p,hsa-miR-15a-5p,hsa-miR-15b-5p,hsa-miR-16-5p,hsa-miR-181a-5p,hsa-miR-181b-5p,hsa-miR-181c-5p,hsa-miR-181d-5p,hsa-miR-186-5p,hsa-miR-195-5p,hsa-miR-19a-3p,hsa-miR-19b-3p,hsa-miR-202-3p,hsa-miR-23a-3p,hsa-miR-23b-3p,hsa-miR-301a-3p,hsa-miR-302a-3p,hsa-miR-302b-3p,hsa-miR-302c-3p,hsa-miR-30a-5p,hsa-miR-30b-5p,hsa-miR-30c-5p,hsa-miR-30d-5p,hsa-miR-30e-5p,hsa-miR-340-5p,hsa-miR-34a-5p,hsa-miR-34c-5p,hsa-miR-372-3p,hsa-miR-373-3p,hsa-miR-374a-5p,hsa-miR-410-3p,hsa-miR-424-5p,hsa-miR-449a,hsa-miR-449b-5p,hsa-miR-454-3p,hsa-miR-497-5p,hsa-miR-520d-3p,hsa-miR-520e-3p,hsa-miR-543,hsa-miR-545-3p,hsa-miR-548c-3p,hsa-miR-548e-3p,hsa-miR-607,hsa-miR-655-3p,hsa-miR-875-3p,hsa-miR-9-5p,hsa-miR-98-5p.

Regulation of Cytokine Receptors: hsa-let-7a-5p,hsa-let-7b-5p,hsa-let-7c-5p,hsa-let-7d-5p,hsa-let-7e-5p,hsa-let-7f-5p,hsa-let-7g-5p,hsa-let-7i-5p,hsa-miR-106b-5p,hsa-miR-125a-5p,hsa-miR-125b-5p,hsa-miR-130a-3p,hsa-miR-130b-3p,hsa-miR-15a-5p,hsa-miR-15b-5p,hsa-miR-16-5p,hsa-miR-17-5p,hsa-miR-195-5p,hsa-miR-19a-3p,hsa-miR-19b-3p,hsa-miR-202-3p,hsa-miR-20a-5p,hsa-miR-20b-5p,hsa-miR-21-5p,hsa-miR-211-5p,hsa-miR-23a-3p,hsa-miR-23b-3p,hsa-miR-29a-3p,hsa-miR-29b-3p,hsa-miR-29c-3p,hsa-miR-300,hsa-miR-301a-3p,hsa-miR-30a-5p,hsa-miR-30b-5p,hsa-miR-30c-5p,hsa-miR-30d-5p,hsa-miR-30e-5p,hsa-miR-340-5p,hsa-miR-34a-5p,hsa-miR-34c-5p,hsa-miR-381-3p,hsa-miR-424-5p,hsa-miR-449a,hsa-miR-449b-5p,hsa-miR-454-3p,hsa-miR-497-5p,hsa-miR-511-5p,hsa-miR-513b-5p,hsa-miR-519d-3p,hsa-miR-524-5p,hsa-miR-545-3p,hsa-miR-548c-3p,hsa-miR-548d-3p,hsa-miR-548e-3p,hsa-miR-590-5p,hsa-miR-607,hsa-miR-656-3p,hsa-miR-875-3p,hsa-miR-9-5p,hsa-miR-93-5p,hsa-miR-98-5p.

Regulation of Cytokines: hsa-let-7a-5p, hsa-let-7b-5p, hsa-let-7c-5p, hsa-let-7d-5p, hsa-let-7e-5p, hsa-let-7f-5p, hsa-let-7g-5p, hsa-let-7i-5p, hsa-miR-101-3p, hsa-miR-106b-5p, hsa-miR-125a-5p, hsa-miR-125b-5p, hsa-miR-128-3p, hsa-miR-130a-3p, hsa-miR-130b-3p, hsa-miR-1324, hsa-miR-144-3p, hsa-miR-15a-5p, hsa-miR-15b-5p, hsa-miR-16-5p, hsa-miR-17-5p, hsa-miR-181a-5p, hsa-miR-181b-5p, hsa-miR-181c-5p, hsa-miR-181d-5p, hsa-miR-186-5p, hsa-miR-195-5p, hsa-miR-19a-3p, hsa-miR-19b-3p, hsa-miR-202-3p, hsa-miR-20a-5p, hsa-miR-20b-5p, hsa-miR-21-5p, hsa-miR-211-5p, hsa-miR-23a-3p, hsa-miR-23b-3p, hsa-miR-29a-3p, hsa-miR-29b-3p, hsa-miR-29c-3p, hsa-miR-301a-3p, hsa-miR-301b-3p, hsa-miR-302a-3p, hsa-miR-302b-3p, hsa-miR-302c-3p, hsa-miR-30a-5p, hsa-miR-30b-5p, hsa-miR-30c-5p, hsa-miR-30d-5p, hsa-miR-30e-5p, hsa-miR-340-5p, hsa-miR-372-3p, hsa-miR-373-3p, hsa-miR-374a-5p, hsa-miR-410-3p, hsa-miR-424-5p, hsa-miR-454-3p, hsa-miR-497-5p, hsa-miR-511-5p, hsa-miR-513b-5p, hsa-miR-519c-3p, hsa-miR-519d-3p, hsa-miR-520d-3p, hsa-miR-520e-3p, hsa-miR-524-5p, hsa-miR-543, hsa-miR-545-3p, hsa-miR-548d-3p, hsa-miR-548e-3p, hsa-miR-590-5p, hsa-miR-607, hsa-miR-656-3p, hsa-miR-875-3p, hsa-miR-9-5p, hsa-miR-93-5p, hsa-miR-98-5p.

Regulation of Humoral Immune Response: hsa-let-7a-5p, hsa-let-7b-5p, hsa-let-7c-5p, hsa-let-7d-5p, hsa-let-7e-5p, hsa-let-7f-5p, hsa-let-7g-5p, hsa-let-7i-5p, hsa-miR-106b-5p, hsa-miR-125a-5p, hsa-miR-125b-5p, hsa-miR-128-3p, hsa-miR-145-5p, hsa-miR-15a-5p, hsa-miR-15b-5p, hsa-miR-16-5p, hsa-miR-17-5p, hsa-miR-181a-5p, hsa-miR-181b-5p, hsa-miR-181c-5p, hsa-miR-181d-5p, hsa-miR-186-5p, hsa-miR-195-5p, hsa-miR-19a-3p, hsa-miR-19b-3p, hsa-miR-202-3p, hsa-miR-20a-5p, hsa-miR-20b-5p, hsa-miR-21-5p, hsa-miR-23a-3p, hsa-miR-23b-3p, hsa-miR-29a-3p, hsa-miR-29b-3p, hsa-miR-29c-3p, hsa-miR-302a-3p, hsa-miR-302b-3p, hsa-miR-302c-3p, hsa-miR-30a-5p, hsa-miR-30b-5p, hsa-miR-30c-5p, hsa-miR-30d-5p, hsa-miR-30e-5p, hsa-miR-340-5p, hsa-miR-372-3p, hsa-miR-373-3p, hsa-miR-374a-5p, hsa-miR-410-3p, hsa-miR-424-5p, hsa-miR-497-5p, hsa-miR-519d-3p, hsa-miR-520d-3p, hsa-miR-520e-3p, hsa-miR-524-5p, hsa-miR-543, hsa-miR-545-3p, hsa-miR-548e-3p, hsa-miR-590-5p, hsa-miR-607, hsa-miR-656-3p, hsa-miR-875-3p, hsa-miR-93-5p, hsa-miR-98-5p.

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.

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.

Trademarks: QIAGEN®, Sample to Insight®, GeneGlobe®, LNA™ (QIAGEN Group), SYBR® (Life Technologies Corporation). Registered names, trademarks, etc. used in this document, even when not specifically marked as such, are not to be considered unprotected by law. 1107212 05/2017 HB-2376-001 © 2017 QIAGEN, all rights reserved.
