

miRCURY LNA™ miRNA Focus PCR Panels

Mouse Inflammatory Response & Autoimmunity V2

Product Data Sheet

Cat. no. 339325 YAMM-205Y

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	YAMM-205YA
C	Applied Biosystems models 7500 (Fast block), 7900HT (Fast block), StepOnePlus™, ViiA 7 (Fast block)	96-well	YAMM-205YC
D	Bio-Rad CFX96™; Bio-Rad/MJ Research models DNA Engine Opticon®, DNA Engine Opticon 2; Stratagene Mx4000®	96-well	YAMM-205YD
E	Applied Biosystems® models 7900HT (384-well block), ViiA™ 7 (384-well block); Bio-Rad CFX384™	384-well	YAMM-205YE
F	Roche® LightCycler® 480 (96-well block)	96-well	YAMM-205YF
G	Roche® LightCycler® 480 (384-well block)	384-well	YAMM-205YG

Description

The Mouse Inflammatory Response & Autoimmunity V2 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™ miRNA Focus PCR Panels Handbook*.

Array Layout

	1	2	3	4	5	6	7	8	9	10	11	12
A	mmu-let-7a-5p	mmu-let-7b-5p	mmu-let-7c-5p	mmu-let-7d-5p	mmu-let-7e-5p	mmu-let-7f-5p	mmu-let-7g-5p	mmu-let-7i-5p	mmu-miR-106a-5p	mmu-miR-106b-5p	mmu-miR-1192	mmu-miR-126a-5p
B	mmu-miR-128-3p	mmu-miR-130a-3p	mmu-miR-130b-3p	mmu-miR-135a-5p	mmu-miR-140-5p	mmu-miR-144-3p	mmu-miR-155-5p	mmu-miR-150-5p	mmu-miR-15b-5p	mmu-miR-16-5p	mmu-miR-17-5p	mmu-miR-181a-5p
C	mmu-miR-181b-5p	mmu-miR-181c-5p	mmu-miR-181d-5p	mmu-miR-182-5p	mmu-miR-186-5p	mmu-miR-195a-5p	mmu-miR-19a-3p	mmu-miR-19b-3p	mmu-miR-200c-3p	mmu-miR-20a-5p	mmu-miR-20b-5p	mmu-miR-221-3p
D	mmu-miR-222-3p	mmu-miR-23a-3p	mmu-miR-23b-3p	mmu-miR-26a-5p	mmu-miR-26b-5p	mmu-miR-27a-3p	mmu-miR-27b-3p	mmu-miR-291a-3p	mmu-miR-294-3p	mmu-miR-295-3p	mmu-miR-29a-3p	mmu-miR-29b-3p
E	mmu-miR-29c-3p	mmu-miR-301a-3p	mmu-miR-301b-3p	mmu-miR-302b-3p	mmu-miR-302d-3p	mmu-miR-30a-5p	mmu-miR-30b-5p	mmu-miR-30c-5p	mmu-miR-30d-5p	mmu-miR-30e-5p	mmu-miR-322-5p	mmu-miR-325-3p
F	mmu-miR-338-5p	mmu-miR-340-5p	mmu-miR-350-3p	mmu-miR-369-3p	mmu-miR-384-5p	mmu-miR-410-3p	mmu-miR-429-3p	mmu-miR-466d-3p	mmu-miR-466k	mmu-miR-495-3p	mmu-miR-497a-5p	mmu-miR-568
G	mmu-miR-590-3p	mmu-miR-669h-3p	mmu-miR-669k-3p	mmu-miR-694	mmu-miR-712-5p	mmu-miR-721	mmu-miR-743c-3p	mmu-miR-743b-3p	mmu-miR-876-3p	mmu-miR-9-5p	mmu-miR-93-5p	mmu-miR-98-5p
H	cel-miR-39-3p	cel-miR-39-3p	U6 snRNA (v2)	5S rRNA	RNU5G	RNU1A1	UniSp2	UniSp4	UniSp5	UniSp6	UniSp3	UniSp3

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	mmu-lef-7a-5p	MIMAT0000062	YP00205727	E01	mmu-miR-29c-3p	MIMAT0000681	YP00204729
A02	mmu-lef-7b-5p	MIMAT0000063	YP00204750	E02	mmu-miR-301a-3p	MIMAT0000688	YP00205601
A03	mmu-lef-7c-5p	MIMAT0000064	YP00204767	E03	mmu-miR-301b-3p	MIMAT0004186	YP00205065
A04	mmu-lef-7d-5p	MIMAT0000065	YP00204124	E04	mmu-miR-302b-3p	MIMAT0000715	YP00204773
A05	mmu-lef-7e-5p	MIMAT0000066	YP00205711	E05	mmu-miR-302d-3p	MIMAT0000718	YP00204311
A06	mmu-lef-7f-5p	MIMAT0000067	YP00204359	E06	mmu-miR-30a-5p	MIMAT0000087	YP00205695
A07	mmu-lef-7g-5p	MIMAT0000414	YP00204565	E07	mmu-miR-30b-5p	MIMAT0000420	YP00204765
A08	mmu-lef-7i-5p	MIMAT0000415	YP00204394	E08	mmu-miR-30c-5p	MIMAT0000244	YP00204783
A09	mmu-miR-106a-5p	MIMAT0000385	YP00205061	E09	mmu-miR-30d-5p	MIMAT0000245	YP00206047
A10	mmu-miR-106b-5p	MIMAT0000680	YP00205884	E10	mmu-miR-30e-5p	MIMAT0000692	YP00204714
A11	mmu-miR-1192	MIMAT0005850	YP00205991	E11	mmu-miR-322-5p	MIMAT0000548	YP00205182
A12	mmu-miR-126a-5p	MIMAT0000444	YP00206010	E12	mmu-miR-325-3p	MIMAT0004640	YP00205088
B01	mmu-miR-128-3p	MIMAT0000424	YP00205995	F01	mmu-miR-338-5p	MIMAT0004701	YP00204114
B02	mmu-miR-130a-3p	MIMAT0000425	YP00204658	F02	mmu-miR-340-5p	MIMAT0004692	YP00206068
B03	mmu-miR-130b-3p	MIMAT0000691	YP00204317	F03	mmu-miR-350-3p	MIMAT0000605	YP00205186
B04	mmu-miR-135a-5p	MIMAT0000428	YP00204762	F04	mmu-miR-369-3p	MIMAT0000721	YP00206028
B05	mmu-miR-140-5p	MIMAT0000431	YP00204540	F05	mmu-miR-384-5p	MIMAT0004745	YP00205189
B06	mmu-miR-144-3p	MIMAT0000436	YP00204754	F06	mmu-miR-410-3p	MIMAT0002171	YP00204042
B07	mmu-miR-155-5p	MIMAT0000165	YP02119303	F07	mmu-miR-429-3p	MIMAT0001537	YP00205068
B08	mmu-miR-15a-5p	MIMAT0000068	YP00204066	F08	mmu-miR-466d-3p	MIMAT0004931	YP00205029
B09	mmu-miR-15b-5p	MIMAT0000417	YP00204243	F09	mmu-miR-466k	MIMAT0005845	YP00205209
B10	mmu-miR-16-5p	MIMAT0000069	YP00205702	F10	mmu-miR-495-3p	MIMAT0002817	YP00206015
B11	mmu-miR-17-5p	MIMAT0000070	YP02119304	F11	mmu-miR-497a-5p	MIMAT0003453	YP00205164
B12	mmu-miR-181a-5p	MIMAT0000256	YP00206081	F12	mmu-miR-568	MIMAT0003232	YP02119300
C01	mmu-miR-181b-5p	MIMAT0000673	YP02119324	G01	mmu-miR-590-3p	MIMAT0004801	YP00205448
C02	mmu-miR-181c-5p	MIMAT0000258	YP00204683	G02	mmu-miR-669h-3p	MIMAT0005842	YP00205054
C03	mmu-miR-181d-5p	MIMAT0002821	YP00204789	G03	mmu-miR-669k-3p	MIMAT0005831	YP00205169
C04	mmu-miR-182-5p	MIMAT0000211	YP00205089	G04	mmu-miR-694	MIMAT0003474	YP00205457
C05	mmu-miR-186-5p	MIMAT0000456	YP00206053	G05	mmu-miR-712-5p	MIMAT0003502	YP00205644
C06	mmu-miR-195a-5p	MIMAT0000461	YP00205869	G06	mmu-miR-721	MIMAT0003515	YP00205471
C07	mmu-miR-19a-3p	MIMAT0000073	YP00205862	G07	mmu-miR-743a-3p	MIMAT0004238	YP00205472
C08	mmu-miR-19b-3p	MIMAT0000074	YP00204450	G08	mmu-miR-743b-3p	MIMAT0004840	YP00205617
C09	mmu-miR-200c-3p	MIMAT0000617	YP00204482	G09	mmu-miR-876-3p	MIMAT0004855	YP00205483
C10	mmu-miR-20a-5p	MIMAT0000075	YP00204292	G10	mmu-miR-9-5p	MIMAT0000441	YP00204513
C11	mmu-miR-20b-5p	MIMAT0001413	YP00204755	G11	mmu-miR-93-5p	MIMAT0000093	YP00204715
C12	mmu-miR-221-3p	MIMAT0000278	YP00204532	G12	mmu-miR-98-5p	MIMAT0000096	YP00204640
D01	mmu-miR-222-3p	MIMAT0000670	YP02119325	H01	cel-miR-39-3p	MIMAT0000010	YP00203952
D02	mmu-miR-23a-3p	MIMAT0000078	YP00204772	H02	cel-miR-39-3p	MIMAT0000010	YP00203952
D03	mmu-miR-23b-3p	MIMAT0000125	YP02119756	H03	U6 snRNA (v2)	N/A	YP02119464
D04	mmu-miR-26a-5p	MIMAT0000082	YP00206023	H04	5S rRNA	N/A	YP00203906
D05	mmu-miR-26b-5p	MIMAT0000083	YP00204172	H05	RNU5G	N/A	YP00203908
D06	mmu-miR-27a-3p	MIMAT0000084	YP00206038	H06	RNU1A1	N/A	YP00203909
D07	mmu-miR-27b-3p	MIMAT0000419	YP00205915	H07	UniSp2	N/A	YP00203950
D08	mmu-miR-291a-3p	MIMAT0000368	YP00205060	H08	UniSp4	N/A	YP00203953
D09	mmu-miR-294-3p	MIMAT0000372	YP00205166	H09	UniSp5	N/A	YP00203955
D10	mmu-miR-295-3p	MIMAT0000373	YP00205078	H10	UniSp6	N/A	YP00203954
D11	mmu-miR-29a-3p	MIMAT0000086	YP00204698	H11	UniSP3	N/A	YP02119288
D12	mmu-miR-29b-3p	MIMAT0000100	YP00204679	H12	UniSP3	N/A	YP02119288

Functional Groupings

Inflammation: mmu-let-7e-5p,mmu-miR-106b-5p,mmu-miR-126a-5p,mmu-miR-135a-5p,mmu-miR-140-5p,mmu-miR-155-5p,mmu-miR-15b-5p,mmu-miR-16-5p,mmu-miR-17-5p,mmu-miR-181a-5p,mmu-miR-181b-5p,mmu-miR-181c-5p,mmu-miR-182-5p,mmu-miR-19a-3p,mmu-miR-19b-3p,mmu-miR-20a-5p,mmu-miR-221-3p,mmu-miR-222-3p,mmu-miR-23b-3p,mmu-miR-26a-5p,mmu-miR-26b-5p,mmu-miR-27b-3p,mmu-miR-30e-5p,mmu-miR-340-5p,mmu-miR-369-3p,mmu-miR-98-5p.

Autoimmunity: mmu-let-7d-5p,mmu-let-7e-5p,mmu-let-7f-5p,mmu-let-7i-5p,mmu-miR-128-3p,mmu-miR-140-5p,mmu-miR-155-5p,mmu-miR-16-5p,mmu-miR-17-5p,mmu-miR-181a-5p,mmu-miR-181b-5p,mmu-miR-182-5p,mmu-miR-186-5p,mmu-miR-195a-5p,mmu-miR-19a-3p,mmu-miR-20a-5p,mmu-miR-23a-3p,mmu-miR-23b-3p,mmu-miR-27b-3p,mmu-miR-29a-3p,mmu-miR-29c-3p,mmu-miR-301a-3p,mmu-miR-369-3p,mmu-miR-93-5p.

Innate & Adaptive Immunity: mmu-let-7i-5p,mmu-miR-106a-5p,mmu-miR-155-5p,mmu-miR-17-5p,mmu-miR-181a-5p,mmu-miR-19a-3p,mmu-miR-19b-3p,mmu-miR-20a-5p,mmu-miR-322-5p,mmu-miR-9-5p.

Bioinformatics Predictions

Regulation of Acute-Phase Response Genes: mmu-let-7a-5p,mmu-let-7b-5p,mmu-let-7c-5p,mmu-let-7d-5p,mmu-let-7e-5p,mmu-let-7f-5p,mmu-let-7g-5p,mmu-let-7i-5p,mmu-miR-106a-5p,mmu-miR-106b-5p,mmu-miR-155-5p,mmu-miR-17-5p,mmu-miR-20a-5p,mmu-miR-20b-5p,mmu-miR-325-3p,mmu-miR-350-3p,mmu-miR-369-3p,mmu-miR-410-3p,mmu-miR-466d-3p,mmu-miR-743a-3p,mmu-miR-93-5p,mmu-miR-98-5p.

Regulation of Autoimmunity Genes: mmu-let-7e-5p,mmu-miR-106a-5p,mmu-miR-130a-3p,mmu-miR-155-5p,mmu-miR-16-5p,mmu-miR-17-5p,mmu-miR-186-5p,mmu-miR-20a-5p,mmu-miR-20b-5p,mmu-miR-221-3p,mmu-miR-222-3p,mmu-miR-30b-5p,mmu-miR-30c-5p,mmu-miR-30d-5p,mmu-miR-495-3p.

Regulation of Cytokine Metabolism Genes: mmu-let-7a-5p,mmu-let-7b-5p,mmu-let-7c-5p,mmu-let-7d-5p,mmu-let-7e-5p,mmu-let-7f-5p,mmu-let-7g-5p,mmu-let-7i-5p,mmu-miR-128-3p,mmu-miR-130a-3p,mmu-miR-130b-3p,mmu-miR-155-5p,mmu-miR-15a-5p,mmu-miR-15b-5p,mmu-miR-16-5p,mmu-miR-181a-5p,mmu-miR-181b-5p,mmu-miR-181c-5p,mmu-miR-181d-5p,mmu-miR-186-5p,mmu-miR-195a-5p,mmu-miR-19a-3p,mmu-miR-19b-3p,mmu-miR-221-3p,mmu-miR-222-3p,mmu-miR-26a-5p,mmu-miR-26b-5p,mmu-miR-27a-3p,mmu-miR-27b-3p,mmu-miR-291a-3p,mmu-miR-294-3p,mmu-miR-295-3p,mmu-miR-29a-3p,mmu-miR-29b-3p,mmu-miR-29c-3p,mmu-miR-301a-3p,mmu-miR-301b-3p,mmu-miR-302b-3p,mmu-miR-302d-3p,mmu-miR-30a-5p,mmu-miR-30b-5p,mmu-miR-30c-5p,mmu-miR-30d-5p,mmu-miR-30e-5p,mmu-miR-322-5p,mmu-miR-325-3p,mmu-miR-338-5p,mmu-miR-340-5p,mmu-miR-350-3p,mmu-miR-369-3p,mmu-miR-384-5p,mmu-miR-410-3p,mmu-miR-466d-3p,mmu-miR-497a-5p,mmu-miR-568,mmu-miR-590-3p,mmu-miR-669h-3p,mmu-miR-669k-3p,mmu-miR-694,mmu-miR-721,mmu-miR-743a-3p,mmu-miR-743b-3p,mmu-miR-9-5p,mmu-miR-93-5p,mmu-miR-98-5p.

Regulation of Cytokine Receptors: mmu-let-7a-5p,mmu-let-7b-5p,mmu-let-7c-5p,mmu-let-7d-5p,mmu-let-7e-5p,mmu-let-7f-5p,mmu-let-7g-5p,mmu-let-7i-5p,mmu-miR-106a-5p,mmu-miR-106b-5p,mmu-miR-126a-5p,mmu-miR-128-3p,mmu-miR-130a-3p,mmu-miR-130b-3p,mmu-miR-135a-5p,mmu-miR-144-3p,mmu-miR-15a-5p,mmu-miR-15b-5p,mmu-miR-16-5p,mmu-miR-17-5p,mmu-miR-182-5p,mmu-miR-195a-5p,mmu-miR-19a-3p,mmu-miR-19b-3p,mmu-miR-200c-3p,mmu-miR-20a-5p,mmu-miR-20b-5p,mmu-miR-221-3p,mmu-miR-222-3p,mmu-miR-23a-3p,mmu-miR-23b-3p,mmu-miR-27a-3p,mmu-miR-27b-3p,mmu-miR-291a-3p,mmu-miR-294-3p,mmu-miR-295-3p,mmu-miR-29a-3p,mmu-miR-29b-3p,mmu-miR-29c-3p,mmu-miR-301a-3p,mmu-miR-301b-3p,mmu-miR-302b-3p,mmu-miR-302d-3p,mmu-miR-30a-5p,mmu-miR-30b-5p,mmu-miR-30c-5p,mmu-miR-30d-5p,mmu-miR-30e-5p,mmu-miR-322-5p,mmu-miR-325-3p,mmu-miR-338-5p,mmu-miR-350-3p,mmu-miR-369-3p,mmu-miR-384-5p,mmu-miR-410-3p,mmu-miR-429-3p,mmu-miR-466d-3p,mmu-miR-466k,mmu-miR-497a-5p,mmu-miR-694,mmu-miR-712-5p,mmu-miR-721,mmu-miR-743a-3p,mmu-miR-743b-3p,mmu-miR-9-5p,mmu-miR-93-5p,mmu-miR-98-5p.

Regulation of Cytokines: mmu-let-7a-5p,mmu-let-7b-5p,mmu-let-7c-5p,mmu-let-7d-5p,mmu-let-7e-5p,mmu-let-7f-5p,mmu-let-7g-5p,mmu-let-7i-5p,mmu-miR-1192,mmu-miR-126a-5p,mmu-miR-128-3p,mmu-miR-130a-3p,mmu-miR-130b-3p,mmu-miR-135a-5p,mmu-miR-144-3p,mmu-miR-155-5p,mmu-miR-15a-5p,mmu-miR-15b-5p,mmu-miR-16-5p,mmu-miR-181a-5p,mmu-miR-181b-5p,mmu-miR-181c-5p,mmu-miR-181d-5p,mmu-miR-186-5p,mmu-miR-195a-5p,mmu-miR-19a-3p,mmu-miR-19b-3p,mmu-miR-221-3p,mmu-miR-222-3p,mmu-miR-23a-3p,mmu-miR-23b-3p,mmu-miR-27a-3p,mmu-miR-27b-3p,mmu-miR-29a-3p,mmu-miR-29b-3p,mmu-miR-29c-3p,mmu-miR-301a-3p,mmu-miR-301b-3p,mmu-miR-30a-5p,mmu-miR-30b-5p,mmu-miR-30c-5p,mmu-miR-30d-5p,mmu-miR-30e-5p,mmu-miR-322-5p,mmu-miR-325-3p,mmu-miR-338-5p,mmu-miR-340-5p,mmu-miR-350-3p,mmu-miR-369-3p,mmu-miR-384-5p,mmu-miR-410-3p,mmu-miR-466d-3p,mmu-miR-497a-5p,mmu-miR-590-3p,mmu-miR-694,mmu-miR-721,mmu-miR-743a-3p,mmu-miR-743b-3p,mmu-miR-876-3p,mmu-miR-9-5p,mmu-miR-98-5p.

Regulation of Humoral Immune Response Genes: mmu-let-7a-5p,mmu-let-7b-5p,mmu-let-7c-5p,mmu-let-7d-5p,mmu-let-7e-5p,mmu-let-7f-5p,mmu-let-7g-5p,mmu-let-7i-5p,mmu-miR-106a-5p,mmu-miR-106b-5p,mmu-miR-126a-5p,mmu-miR-130a-3p,mmu-miR-130b-3p,mmu-miR-15a-5p,mmu-miR-15b-5p,mmu-miR-16-5p,mmu-miR-17-5p,mmu-miR-181a-5p,mmu-miR-181b-5p,mmu-miR-181c-5p,mmu-miR-181d-5p,mmu-miR-186-5p,mmu-miR-195a-5p,mmu-miR-19a-3p,mmu-miR-19b-3p,mmu-miR-20a-5p,mmu-miR-20b-5p,mmu-miR-23a-3p,mmu-miR-23b-3p,mmu-miR-27a-3p,mmu-miR-27b-3p,mmu-miR-291a-3p,mmu-miR-294-3p,mmu-miR-295-3p,mmu-miR-301a-3p,mmu-miR-301b-3p,mmu-miR-302b-3p,mmu-miR-302d-3p,mmu-miR-322-5p,mmu-miR-325-3p,mmu-miR-338-5p,mmu-miR-340-5p,mmu-miR-369-3p,mmu-miR-410-3p,mmu-miR-466d-3p,mmu-miR-497a-5p,mmu-miR-568,mmu-miR-590-3p,mmu-miR-694,mmu-miR-721,mmu-miR-743a-3p,mmu-miR-93-5p,mmu-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.

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