

miRCURY LNA™ miRNA Focus PCR Panels

Human Serum/Plasma X-Large Focus (miScript)

Product Data Sheet

Cat. no. 339325 YAHS-406Z

For mature miRNA expression profiling using real-time PCR

Format	Suitable real-time cyclers	Plate	Cat. no.
E	Applied Biosystems® models 7900HT (384-well block), Viia™ 7 (384-well block); Bio-Rad CFX384™	384-well	YAHS-406ZE
G	Roche® LightCycler® 480 (384-well block)	384-well	YAHS-406ZG

Description

The Human Serum/Plasma X-Large Focus (miScript) miRCURY LNA™ miRNA Focus PCR Panel profiles the expression of 372 miRNAs detectable in serum and plasma using the miScript PCR System. This high-content array also includes the 84 miRNAs detectable and differentially expressed in serum, plasma, and other bodily fluids that are found on the Human Serum & Plasma miScript miRNA PCR Array. The serum and plasma 384HC array provides disease and toxicology researchers with a convenient way to quickly analyze the extracellular, circulating miRNAs most relevant to pathophysiological conditions. The discovery of miRNAs in serum and plasma, and their apparently regulated levels there, suggest a mechanistic role for these master regulatory molecules in both normal and pathophysiological processes. Their presence in serum and plasma samples provides readily available source material for research purposes. The profiling results from this array can potentially serve as a useful molecular marker for heart and liver injury or disease, atherosclerosis, diabetes, and a number of organ-specific cancers. This array can also be used with miRNeasy Serum/Plasma Spike-In Control (catalog number 219610). When spiked into the sample before nucleic acid isolation and detected with the control assay, it provides a more useful normalization method for this application than the typical reference short noncoding RNAs, which are not normally detected in serum. 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 found in serum and plasma 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

15	16	17	18	19	20	21	22	23	24
hsa-miR-372-3p	hsa-miR-1260a	hsa-miR-19b-1-5p	hsa-let-7a-3p	hsa-miR-183-3p	hsa-miR-1290	hsa-miR-628-3p	hsa-miR-92b-3p	hsa-miR-7-2-3p	hsa-miR-144-5p
hsa-miR-2276-3p	hsa-miR-33a-5p	hsa-miR-150-5p	hsa-miR-21-5p	hsa-miR-329-3p	hsa-miR-550a-5p	hsa-miR-378b	hsa-miR-28-5p	hsa-miR-138-1-3p	hsa-miR-193a-5p
hsa-miR-29c-5p	hsa-miR-181b-5p	hsa-miR-1180-3p	hsa-miR-133b	hsa-miR-324-3p	hsa-miR-3135b	hsa-miR-502-3p	hsa-miR-3655	hsa-miR-130b-5p	hsa-miR-324-5p
hsa-miR-30b-5p	hsa-miR-199a-5p	hsa-miR-125a-5p	hsa-miR-376c-3p	hsa-miR-503-5p	hsa-miR-361-3p	hsa-miR-590-5p	hsa-miR-1207-5p	hsa-miR-342-5p	hsa-miR-1193
hsa-miR-191-5p	hsa-miR-103a-2-5p	hsa-let-7b-5p	hsa-miR-106a-5p	hsa-miR-489-3p	hsa-miR-4306	hsa-miR-378a-3p	hsa-miR-30e-3p	hsa-miR-107	hsa-miR-382-5p
hsa-miR-548c-5p	hsa-miR-1913	hsa-miR-548e-3p	hsa-miR-4770	hsa-miR-186-5p	hsa-miR-10a-5p	hsa-miR-1203	hsa-miR-543	hsa-miR-101-3p	hsa-miR-1910-5p
hsa-miR-139-5p	hsa-miR-551a	hsa-miR-15a-3p	hsa-miR-339-3p	hsa-miR-340-5p	hsa-miR-30a-5p	hsa-miR-3923	hsa-let-7e-5p	hsa-miR-335-3p	hsa-miR-345-5p
hsa-miR-598-3p	hsa-miR-221-3p	hsa-miR-28-3p	hsa-miR-629-3p	hsa-miR-4267	hsa-miR-3131	hsa-miR-124-3p	hsa-miR-155-5p	hsa-miR-486-3p	hsa-miR-26a-5p
hsa-miR-27a-3p	hsa-miR-664a-3p	hsa-miR-185-5p	hsa-miR-518e-5p	hsa-miR-4258	hsa-miR-141-3p	hsa-miR-370-3p	hsa-let-7f1-2-3p	hsa-miR-23b-3p	hsa-miR-378h
hsa-miR-208a-3p	hsa-miR-211-5p	hsa-miR-1247-5p	hsa-miR-378g	hsa-miR-485-3p	hsa-miR-9-5p	hsa-miR-148a-3p	hsa-miR-182-5p	hsa-miR-409-3p	hsa-miR-361-5p
hsa-miR-342-3p	hsa-miR-3689e	hsa-miR-4302	hsa-miR-183-5p	hsa-miR-27b-3p	hsa-miR-15b-5p	hsa-miR-424-5p	hsa-miR-373-5p	hsa-miR-374b-5p	hsa-miR-375-3p
hsa-miR-885-5p	hsa-miR-4286	hsa-miR-3622a-5p	hsa-miR-3185	hsa-miR-629-5p	hsa-miR-4296	hsa-miR-31-5p	hsa-miR-483-5p	hsa-miR-106b-3p	hsa-miR-301a-3p
hsa-miR-378a-5p	hsa-miR-145-3p	hsa-miR-320e	hsa-miR-874-3p	hsa-miR-4274	hsa-miR-200a-3p	hsa-miR-340-3p	hsa-miR-1260b	hsa-miR-126-3p	hsa-miR-326
hsa-miR-19b-3p	hsa-miR-142-3p	hsa-miR-30e-5p	hsa-miR-499a-5p	hsa-miR-1307-3p	hsa-miR-500a-5p	hsa-miR-204-5p	hsa-miR-20b-5p	hsa-miR-200c-3p	hsa-miR-190a-5p
hsa-miR-425-5p	hsa-miR-362-3p	hsa-miR-92a-3p	hsa-miR-222-3p	hsa-miR-296-5p	hsa-miR-365a-3p	hsa-miR-551b-3p	hsa-miR-2467-3p	hsa-miR-2355-3p	hsa-miR-200b-3p
hsa-miR-30c-5p	hsa-miR-103a-3p	hsa-miR-451a	hsa-miR-23a-3p	UniSp2	UniSp4	UniSp5	UniSp6	UniSp3	UniSp3

5	6	7	8	9	10	11	12	13	14
hsa-miR-532-5p	hsa-miR-152-3p	hsa-miR-1231	hsa-miR-3911	hsa-miR-223-5p	hsa-miR-1909-5p	hsa-miR-4291	hsa-miR-205-5p	hsa-miR-3651	hsa-miR-1587
hsa-miR-18b-5p	hsa-miR-214-3p	hsa-miR-34a-5p	hsa-miR-4732-5p	hsa-miR-660-5p	hsa-miR-3120-3p	hsa-miR-151b	hsa-miR-423-5p	hsa-miR-584-5p	hsa-miR-93-3p
hsa-miR-21-3p	hsa-let-7g-5p	hsa-miR-338-3p	hsa-miR-2110	hsa-miR-3200-5p	hsa-miR-196b-5p	hsa-miR-769-5p	hsa-miR-29c-3p	hsa-miR-376a-3p	hsa-miR-127-3p
hsa-miR-422a	hsa-miR-338-5p	hsa-miR-631	hsa-miR-143-3p	hsa-miR-627-5p	hsa-let-7f-3p	hsa-miR-320d	hsa-miR-29b-3p	hsa-miR-194-5p	hsa-miR-605-5p
hsa-miR-1539	hsa-miR-377-3p	hsa-miR-130a-3p	hsa-miR-4323	hsa-miR-339-5p	hsa-miR-501-5p	hsa-miR-132-3p	hsa-miR-29a-3p	hsa-miR-22-5p	hsa-miR-596
hsa-miR-224-5p	hsa-miR-877-3p	hsa-miR-4732-3p	hsa-miR-22-3p	hsa-miR-125b-5p	hsa-miR-203a-3p	hsa-let-7f-5p	hsa-miR-454-3p	hsa-miR-3159	hsa-let-7f-1-3p
hsa-miR-100-5p	hsa-miR-4422	hsa-miR-18a-3p	hsa-miR-15a-5p	hsa-miR-134-5p	hsa-miR-421	hsa-miR-181c-5p	hsa-miR-337-5p	hsa-miR-1537-3p	hsa-miR-7-5p
hsa-miR-199a-3p	hsa-miR-337-3p	hsa-miR-4301	hsa-miR-381-3p	hsa-miR-412-3p	hsa-miR-505-3p	hsa-miR-136-3p	hsa-miR-363-3p	hsa-miR-1301-3p	hsa-let-7a-3p
hsa-miR-3191-3p	hsa-miR-4454	hsa-miR-766-3p	hsa-miR-99b-5p	hsa-miR-140-5p	hsa-let-7d-3p	hsa-miR-328-3p	hsa-miR-652-3p	hsa-miR-133a-3p	hsa-miR-379-5p
hsa-miR-140-3p	hsa-miR-1976	hsa-miR-24-3p	hsa-let-7d-5p	hsa-miR-215-5p	hsa-miR-548d-5p	hsa-miR-130b-3p	hsa-miR-1183	hsa-let-7a-5p	hsa-miR-4505
hsa-miR-3176	hsa-miR-192-5p	hsa-miR-181a-5p	hsa-miR-1287-5p	hsa-miR-378e	hsa-miR-320b	hsa-miR-671-3p	hsa-miR-374a-5p	hsa-miR-450a-5p	hsa-miR-3613-3p
hsa-miR-7-1-3p	hsa-miR-346	hsa-miR-675-3p	hsa-miR-128-3p	hsa-miR-23b-5p	hsa-miR-181c-3p	hsa-let-7f-5p	hsa-miR-1225-3p	hsa-miR-301b-3p	hsa-miR-26b-5p
hsa-miR-4289	hsa-miR-146b-5p	hsa-miR-744-5p	hsa-miR-2355-5p	hsa-miR-16-5p	hsa-miR-490-3p	hsa-miR-34c-3p	hsa-miR-136-5p	hsa-miR-106b-5p	hsa-miR-196b-3p
hsa-miR-19a-3p	hsa-miR-17-3p	hsa-miR-151a-5p	hsa-miR-320a-3p	hsa-miR-625-3p	hsa-miR-15b-3p	hsa-miR-30a-5p	hsa-miR-206	hsa-miR-4538	hsa-miR-1237-3p
hsa-miR-10b-5p	hsa-miR-96-5p	hsa-miR-1277-3p	hsa-miR-486-5p	hsa-miR-188-5p	hsa-miR-615-5p	hsa-miR-30a-3p	hsa-miR-378i	hsa-miR-93-5p	hsa-miR-154-5p
hsa-miR-1233-3p	hsa-miR-369-3p	hsa-miR-637	hsa-miR-202-3p	hsa-miR-942-5p	hsa-miR-4688	hsa-miR-197-3p	hsa-miR-126-5p	cel-miR-39-3p	cel-miR-39-3p

	1	2	3	4
A	hsa-miR-495-3p	hsa-let-7c-5p	hsa-miR-3141	hsa-miR-184
B	hsa-miR-3610	hsa-miR-199b-5p	hsa-miR-1286	hsa-miR-497-5p
C	hsa-miR-26b-3p	hsa-miR-16-2-3p	hsa-miR-146a-5p	hsa-miR-3200-3p
D	hsa-miR-373-3p	hsa-miR-3646	hsa-miR-1-3p	hsa-miR-3907
E	hsa-miR-624-5p	hsa-miR-4689	hsa-miR-139-3p	hsa-miR-4516
F	hsa-miR-484	hsa-miR-1281	hsa-miR-1258	hsa-miR-423-3p
G	hsa-miR-151a-3p	hsa-miR-196a-5p	hsa-miR-877-5p	hsa-miR-148b-3p
H	hsa-miR-485-5p	hsa-miR-3183	hsa-miR-532-3p	hsa-miR-542-3p
I	hsa-miR-98-5p	hsa-miR-144-3p	hsa-miR-20a-5p	hsa-miR-195-5p
J	hsa-miR-122-5p	hsa-miR-424-3p	hsa-miR-542-5p	hsa-miR-433-3p
K	hsa-miR-331-3p	hsa-miR-320c	hsa-miR-487b-3p	hsa-miR-32-5p
L	hsa-miR-574-3p	hsa-miR-4524a-3p	hsa-miR-191-3p	hsa-miR-17-5p
M	hsa-miR-181d-5p	hsa-miR-99a-5p	hsa-miR-330-3p	hsa-miR-335-5p
N	hsa-miR-223-3p	hsa-miR-219a-1-3p	hsa-miR-25-3p	hsa-miR-210-3p
O	hsa-miR-193b-3p	hsa-miR-425-3p	hsa-miR-576-5p	hsa-miR-590-3p
P	hsa-miR-18a-5p	hsa-miR-142-5p	hsa-miR-487a-3p	hsa-miR-145-5p

miRNA Table

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
A01	hsa-miR-495-3p	MIMAT0002817	YP00206015	I01	hsa-miR-98-5p	MIMAT0000096	YP00204640
A02	hsa-lef-7c-5p	MIMAT0000064	YP00204767	I02	hsa-miR-144-3p	MIMAT0000436	YP00204754
A03	hsa-miR-3141	MIMAT0015010	YP02107812	I03	hsa-miR-20a-5p	MIMAT0000075	YP00204292
A04	hsa-miR-184	MIMAT0000454	YP00204601	I04	hsa-miR-195-5p	MIMAT0000461	YP00205869
A05	hsa-miR-532-5p	MIMAT0002888	YP00204221	I05	hsa-miR-3191-3p	MIMAT0015075	YP02114802
A06	hsa-miR-152-3p	MIMAT0000438	YP00204294	I06	hsa-miR-4454	MIMAT0018976	YP02114119
A07	hsa-miR-1231	MIMAT0005586	YP02119498	I07	hsa-miR-766-3p	MIMAT0003888	YP00204499
A08	hsa-miR-3911	MIMAT0018185	YP02104224	I08	hsa-miR-99b-5p	MIMAT0000689	YP00205983
A09	hsa-miR-223-5p	MIMAT0004570	YP00204529	I09	hsa-miR-140-5p	MIMAT0000431	YP00204540
A10	hsa-miR-1909-5p	MIMAT0007882	YP00205703	I10	hsa-lef-7d-3p	MIMAT0004484	YP00205627
A11	hsa-miR-4291	MIMAT0016922	YP02115206	I11	hsa-miR-328-3p	MIMAT0000752	YP00204364
A12	hsa-miR-205-5p	MIMAT0000266	YP00204487	I12	hsa-miR-652-3p	MIMAT0003322	YP00204387
A13	hsa-miR-3651	MIMAT0018071	YP02113836	I13	hsa-miR-133a-3p	MIMAT0000427	YP00204788
A14	hsa-miR-1587	MIMAT0019077	YP02119501	I14	hsa-miR-379-5p	MIMAT0000733	YP00205658
A15	hsa-miR-372-3p	MIMAT0000724	YP00204137	I15	hsa-miR-27a-3p	MIMAT0000084	YP00206038
A16	hsa-miR-1260a	MIMAT0005911	YP00205892	I16	hsa-miR-664a-3p	MIMAT0005949	YP00204725
A17	hsa-miR-19b-1-5p	MIMAT0004491	YP00204310	I17	hsa-miR-185-5p	MIMAT0000455	YP00206037
A18	hsa-lef-7a-3p	MIMAT0004481	YP00206084	I18	hsa-miR-518e-5p	MIMAT0005450	YP00206040
A19	hsa-miR-183-3p	MIMAT0004560	YP00205673	I19	hsa-miR-4258	MIMAT0016879	YP02119162
A20	hsa-miR-1290	MIMAT0005880	YP02118634	I20	hsa-miR-141-3p	MIMAT0000432	YP00204504
A21	hsa-miR-628-3p	MIMAT0003297	YP00206057	I21	hsa-miR-370-3p	MIMAT0000722	YP00204011
A22	hsa-miR-92b-3p	MIMAT0003218	YP00204384	I22	hsa-lef-7f-2-3p	MIMAT0004487	YP00204095
A23	hsa-miR-7-2-3p	MIMAT0004554	YP00204581	I23	hsa-miR-23b-3p	MIMAT0000418	YP02119314
A24	hsa-miR-144-5p	MIMAT0004600	YP00204670	I24	hsa-miR-378h	MIMAT0018984	YP02101913
B01	hsa-miR-3610	MIMAT0017987	YP02119507	J01	hsa-miR-122-5p	MIMAT0000421	YP00205664
B02	hsa-miR-199b-5p	MIMAT0000263	YP00204152	J02	hsa-miR-424-3p	MIMAT0004749	YP00205918
B03	hsa-miR-1286	MIMAT0005877	YP02111048	J03	hsa-miR-542-5p	MIMAT0003340	YP00204198
B04	hsa-miR-497-5p	MIMAT0002820	YP00204354	J04	hsa-miR-433-3p	MIMAT0001627	YP00204036
B05	hsa-miR-18b-5p	MIMAT0001412	YP00204084	J05	hsa-miR-140-3p	MIMAT0004597	YP00204304
B06	hsa-miR-214-3p	MIMAT0000271	YP00204510	J06	hsa-miR-1976	MIMAT0009451	YP02112898
B07	hsa-miR-34a-5p	MIMAT0000255	YP00204486	J07	hsa-miR-24-3p	MIMAT0000080	YP00204260
B08	hsa-miR-4732-5p	MIMAT0019855	YP02113664	J08	hsa-lef-7d-5p	MIMAT0000065	YP00204124
B09	hsa-miR-660-5p	MIMAT0003338	YP00205911	J09	hsa-miR-215-5p	MIMAT0000272	YP00204598
B10	hsa-miR-3120-3p	MIMAT0014982	YP02118957	J10	hsa-miR-548d-5p	MIMAT0004812	YP00205907
B11	hsa-miR-151b	MIMAT0010214	YP02110935	J11	hsa-miR-130b-3p	MIMAT0000691	YP00204317
B12	hsa-miR-423-5p	MIMAT0004748	YP00205624	J12	hsa-miR-1183	MIMAT0005828	YP00204176
B13	hsa-miR-584-5p	MIMAT0003249	YP00204568	J13	hsa-lef-7a-5p	MIMAT0000062	YP00205727
B14	hsa-miR-93-3p	MIMAT0004509	YP00204470	J14	hsa-miR-4505	MIMAT0019041	YP02100715
B15	hsa-miR-2276-3p	MIMAT0011775	YP02115594	J15	hsa-miR-208a-3p	MIMAT0000241	YP00205619
B16	hsa-miR-33a-5p	MIMAT0000091	YP00205690	J16	hsa-miR-211-5p	MIMAT0000268	YP00204009
B17	hsa-miR-150-5p	MIMAT0000451	YP00204660	J17	hsa-miR-1247-5p	MIMAT0005899	YP00204770
B18	hsa-miR-21-5p	MIMAT0000076	YP00204230	J18	hsa-miR-378g	MIMAT0018937	YP02110329
B19	hsa-miR-329-3p	MIMAT0001629	YP00206052	J19	hsa-miR-485-3p	MIMAT0002176	YP00206055
B20	hsa-miR-550a-5p	MIMAT0004800	YP00204638	J20	hsa-miR-9-5p	MIMAT0000441	YP00204513
B21	hsa-miR-378b	MIMAT0014999	YP02119100	J21	hsa-miR-148a-3p	MIMAT0000243	YP00205867
B22	hsa-miR-28-5p	MIMAT0000085	YP00204322	J22	hsa-miR-182-5p	MIMAT0000259	YP00206070
B23	hsa-miR-138-1-3p	MIMAT0004607	YP00205881	J23	hsa-miR-409-3p	MIMAT0001639	YP00204358
B24	hsa-miR-193a-5p	MIMAT0004614	YP00204665	J24	hsa-miR-361-5p	MIMAT0000703	YP00206054
C01	hsa-miR-26b-3p	MIMAT0004500	YP02119315	K01	hsa-miR-331-3p	MIMAT0000760	YP00206046

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
C02	hsa-miR-16-2-3p	MIMAT0004518	YP00204309	K02	hsa-miR-320c	MIMAT0005793	YP00205706
C03	hsa-miR-146a-5p	MIMAT0000449	YP00204688	K03	hsa-miR-487b-3p	MIMAT0003180	YP00204489
C04	hsa-miR-3200-3p	MIMAT0015085	YP02112132	K04	hsa-miR-32-5p	MIMAT0000090	YP00204792
C05	hsa-miR-21-3p	MIMAT0004494	YP00204302	K05	hsa-miR-3176	MIMAT0015053	YP02113244
C06	hsa-let-7g-5p	MIMAT0000414	YP00204565	K06	hsa-miR-192-5p	MIMAT0000222	YP00204099
C07	hsa-miR-338-3p	MIMAT0000763	YP00204719	K07	hsa-miR-181a-5p	MIMAT0000256	YP00206081
C08	hsa-miR-2110	MIMAT0010133	YP00204328	K08	hsa-miR-1287-5p	MIMAT0005878	YP02107699
C09	hsa-miR-3200-5p	MIMAT0017392	YP02109903	K09	hsa-miR-378e	MIMAT0018927	YP02103282
C10	hsa-miR-196b-5p	MIMAT0001080	YP00204555	K10	hsa-miR-320b	MIMAT0005792	YP02119299
C11	hsa-miR-769-5p	MIMAT0003886	YP00204270	K11	hsa-miR-671-3p	MIMAT0004819	YP00204024
C12	hsa-miR-29c-3p	MIMAT0000681	YP00204729	K12	hsa-miR-374a-5p	MIMAT0000727	YP00204758
C13	hsa-miR-376a-3p	MIMAT0000729	YP00204508	K13	hsa-miR-450a-5p	MIMAT0001545	YP00206085
C14	hsa-miR-127-3p	MIMAT0000446	YP00204048	K14	hsa-miR-3613-3p	MIMAT0017991	YP02100646
C15	hsa-miR-29c-5p	MIMAT0004673	YP00204132	K15	hsa-miR-342-3p	MIMAT0000753	YP00205625
C16	hsa-miR-181b-5p	MIMAT0000257	YP00204530	K16	hsa-miR-3689e	MIMAT0019009	YP02113857
C17	hsa-miR-1180-3p	MIMAT0005825	YP02102171	K17	hsa-miR-4302	MIMAT0016855	YP02108009
C18	hsa-miR-133b	MIMAT0000770	YP00206058	K18	hsa-miR-183-5p	MIMAT0000261	YP00206030
C19	hsa-miR-324-3p	MIMAT0000762	YP00204303	K19	hsa-miR-27b-3p	MIMAT0000419	YP00205915
C20	hsa-miR-3135b	MIMAT0018985	YP02114177	K20	hsa-miR-15b-5p	MIMAT0000417	YP00204243
C21	hsa-miR-502-3p	MIMAT0004775	YP00204043	K21	hsa-miR-424-5p	MIMAT0001341	YP00204736
C22	hsa-miR-3655	MIMAT0018075	YP02118256	K22	hsa-miR-373-5p	MIMAT0000725	YP00204703
C23	hsa-miR-130b-5p	MIMAT0004680	YP00204456	K23	hsa-miR-374b-5p	MIMAT0004955	YP00204608
C24	hsa-miR-324-5p	MIMAT0000761	YP02119473	K24	hsa-miR-375-3p	MIMAT0000728	YP00204362
D01	hsa-miR-373-3p	MIMAT0000726	YP00204604	L01	hsa-miR-574-3p	MIMAT0003239	YP00206011
D02	hsa-miR-3646	MIMAT0018065	YP02116669	L02	hsa-miR-4524a-3p	MIMAT0019063	YP02109562
D03	hsa-miR-1-3p	MIMAT0000416	YP00204344	L03	hsa-miR-191-3p	MIMAT0001618	YP00204196
D04	hsa-miR-3907	MIMAT0018179	YP02118102	L04	hsa-miR-17-5p	MIMAT0000070	YP02119304
D05	hsa-miR-422a	MIMAT0001339	YP00204164	L05	hsa-miR-7-1-3p	MIMAT0004553	YP00205888
D06	hsa-miR-338-5p	MIMAT0004701	YP00204114	L06	hsa-miR-346	MIMAT0000773	YP00206009
D07	hsa-miR-631	MIMAT0003300	YP00204312	L07	hsa-miR-675-3p	MIMAT0006790	YP00204732
D08	hsa-miR-143-3p	MIMAT0000435	YP00205992	L08	hsa-miR-128-3p	MIMAT0000424	YP00205995
D09	hsa-miR-627-5p	MIMAT0003296	YP00205979	L09	hsa-miR-23b-5p	MIMAT0004587	YP00205873
D10	hsa-let-7i-3p	MIMAT0004585	YP00204247	L10	hsa-miR-181c-3p	MIMAT0004559	YP00204213
D11	hsa-miR-320d	MIMAT0006764	YP00205667	L11	hsa-let-7f-5p	MIMAT0000067	YP00204359
D12	hsa-miR-29b-3p	MIMAT0000100	YP00204679	L12	hsa-miR-1225-3p	MIMAT0005573	YP02114067
D13	hsa-miR-194-5p	MIMAT0000460	YP00204080	L13	hsa-miR-301b-3p	MIMAT0004958	YP00204390
D14	hsa-miR-605-5p	MIMAT0003273	YP00205594	L14	hsa-miR-26b-5p	MIMAT0000083	YP00204172
D15	hsa-miR-30b-5p	MIMAT0000420	YP00204765	L15	hsa-miR-885-5p	MIMAT0004947	YP00204473
D16	hsa-miR-199a-5p	MIMAT0000231	YP00204494	L16	hsa-miR-4286	MIMAT0016916	YP02112356
D17	hsa-miR-125a-5p	MIMAT0000443	YP00204339	L17	hsa-miR-3622a-5p	MIMAT0018003	YP02108403
D18	hsa-miR-376c-3p	MIMAT0000720	YP00204442	L18	hsa-miR-3185	MIMAT0015065	YP02107693
D19	hsa-miR-503-5p	MIMAT0002874	YP00204334	L19	hsa-miR-629-5p	MIMAT0004810	YP00204370
D20	hsa-miR-361-3p	MIMAT0004682	YP00204008	L20	hsa-miR-4296	MIMAT0016845	YP02100857
D21	hsa-miR-590-5p	MIMAT0003258	YP00204222	L21	hsa-miR-31-5p	MIMAT0000089	YP00204236
D22	hsa-miR-1207-5p	MIMAT0005871	YP00204693	L22	hsa-miR-483-5p	MIMAT0004761	YP00205693
D23	hsa-miR-342-5p	MIMAT0004694	YP00204516	L23	hsa-miR-106b-3p	MIMAT0004672	YP00204020
D24	hsa-miR-1193	MIMAT0015049	YP02115297	L24	hsa-miR-301a-3p	MIMAT0000688	YP00205601
E01	hsa-miR-624-5p	MIMAT0003293	YP00204625	M01	hsa-miR-181d-5p	MIMAT0002821	YP00204789
E02	hsa-miR-4689	MIMAT0019778	YP02119407	M02	hsa-miR-99a-5p	MIMAT0000097	YP00204521
E03	hsa-miR-139-3p	MIMAT0004552	YP00205661	M03	hsa-miR-330-3p	MIMAT0000751	YP00204017

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
E04	hsa-miR-4516	MIMAT0019053	YP02112882	M04	hsa-miR-335-5p	MIMAT0000765	YP02119293
E05	hsa-miR-1539	MIMAT0007401	YP00204682	M05	hsa-miR-4289	MIMAT0016920	YP02113941
E06	hsa-miR-377-3p	MIMAT0000730	YP00204733	M06	hsa-miR-146b-5p	MIMAT0002809	YP02119310
E07	hsa-miR-130a-3p	MIMAT0000425	YP00204658	M07	hsa-miR-744-5p	MIMAT0004945	YP00204663
E08	hsa-miR-4323	MIMAT0016875	YP02110325	M08	hsa-miR-2355-5p	MIMAT0016895	YP02100607
E09	hsa-miR-339-5p	MIMAT0000764	YP00206007	M09	hsa-miR-16-5p	MIMAT0000069	YP00205702
E10	hsa-miR-501-5p	MIMAT0002872	YP00204648	M10	hsa-miR-490-3p	MIMAT0002806	YP00205999
E11	hsa-miR-132-3p	MIMAT0000426	YP00206035	M11	hsa-miR-34c-3p	MIMAT0004677	YP00204373
E12	hsa-miR-29a-3p	MIMAT0000086	YP00204698	M12	hsa-miR-136-5p	MIMAT0000448	YP00204779
E13	hsa-miR-22-5p	MIMAT0004495	YP00204255	M13	hsa-miR-106b-5p	MIMAT0000680	YP00205884
E14	hsa-miR-596	MIMAT0003264	YP00204002	M14	hsa-miR-196b-3p	MIMAT0009201	YP00206018
E15	hsa-miR-191-5p	MIMAT0000440	YP00204306	M15	hsa-miR-378a-5p	MIMAT0000731	YP00204347
E16	hsa-miR-103a-2-5p	MIMAT0009196	YP00204609	M16	hsa-miR-145-3p	MIMAT0004601	YP00204192
E17	hsa-let-7b-5p	MIMAT0000063	YP00204750	M17	hsa-miR-320e	MIMAT0015072	YP02103235
E18	hsa-miR-106a-5p	MIMAT0000103	YP00204563	M18	hsa-miR-874-3p	MIMAT0004911	YP00204761
E19	hsa-miR-489-3p	MIMAT0002805	YP00204395	M19	hsa-miR-4274	MIMAT0016906	YP02109237
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E21	hsa-miR-378a-3p	MIMAT0000732	YP00205946	M21	hsa-miR-340-3p	MIMAT0000750	YP00204250
E22	hsa-miR-30e-3p	MIMAT0000693	YP00204410	M22	hsa-miR-1260b	MIMAT0015041	YP02106579
E23	hsa-miR-107	MIMAT0000104	YP00204468	M23	hsa-miR-126-3p	MIMAT0000445	YP00204227
E24	hsa-miR-382-5p	MIMAT0000737	YP00204169	M24	hsa-miR-326	MIMAT0000756	YP00204512
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F02	hsa-miR-1281	MIMAT0005939	YP02119361	N02	hsa-miR-219a-1-3p	MIMAT0004567	YP00205880
F03	hsa-miR-1258	MIMAT0005909	YP00205709	N03	hsa-miR-25-3p	MIMAT0000081	YP00204361
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F05	hsa-miR-224-5p	MIMAT0000281	YP02119313	N05	hsa-miR-19a-3p	MIMAT0000073	YP00205862
F06	hsa-miR-877-3p	MIMAT0004950	YP00204263	N06	hsa-miR-17-3p	MIMAT0000071	YP00206008
F07	hsa-miR-4732-3p	MIMAT0019856	YP02106069	N07	hsa-miR-151a-5p	MIMAT0004697	YP00204007
F08	hsa-miR-22-3p	MIMAT0000077	YP00204606	N08	hsa-miR-320a-3p	MIMAT0000510	YP00206042
F09	hsa-miR-125b-5p	MIMAT0000423	YP00205713	N09	hsa-miR-625-3p	MIMAT0004808	YP00204647
F10	hsa-miR-203a-3p	MIMAT0000264	YP00205914	N10	hsa-miR-15b-3p	MIMAT0004586	YP00205898
F11	hsa-let-7f-5p	MIMAT0000415	YP00204394	N11	hsa-miR-30a-5p	MIMAT0000087	YP00205695
F12	hsa-miR-454-3p	MIMAT0003885	YP00205663	N12	hsa-miR-206	MIMAT0000462	YP00206073
F13	hsa-miR-3159	MIMAT0015033	YP02101997	N13	hsa-miR-4538	MIMAT0019081	YP02104874
F14	hsa-let-7f-1-3p	MIMAT0004486	YP00204323	N14	hsa-miR-1237-3p	MIMAT0005592	YP00204069
F15	hsa-miR-548c-5p	MIMAT0004806	YP00205882	N15	hsa-miR-19b-3p	MIMAT0000074	YP00204450
F16	hsa-miR-1913	MIMAT0007888	YP00204673	N16	hsa-miR-142-3p	MIMAT0000434	YP00204291
F17	hsa-miR-548e-3p	MIMAT0005874	YP00206005	N17	hsa-miR-30e-5p	MIMAT0000692	YP00204714
F18	hsa-miR-4770	MIMAT0019924	YP02113433	N18	hsa-miR-499a-5p	MIMAT0002870	YP00205935
F19	hsa-miR-186-5p	MIMAT0000456	YP00206053	N19	hsa-miR-1307-3p	MIMAT0005951	YP02103132
F20	hsa-miR-10a-5p	MIMAT0000253	YP00204778	N20	hsa-miR-500a-5p	MIMAT0004773	YP00204794
F21	hsa-miR-1203	MIMAT0005866	YP00204414	N21	hsa-miR-204-5p	MIMAT0000265	YP00206072
F22	hsa-miR-543	MIMAT0004954	YP00204447	N22	hsa-miR-20b-5p	MIMAT0001413	YP00204755
F23	hsa-miR-101-3p	MIMAT0000099	YP00204786	N23	hsa-miR-200c-3p	MIMAT0000617	YP00204482
F24	hsa-miR-1910-5p	MIMAT0007884	YP00206033	N24	hsa-miR-190a-5p	MIMAT0000458	YP00204763
G01	hsa-miR-151a-3p	MIMAT0000757	YP00204576	O01	hsa-miR-193b-3p	MIMAT0002819	YP00204226
G02	hsa-miR-196a-5p	MIMAT0000226	YP00204386	O02	hsa-miR-425-3p	MIMAT0001343	YP00204038
G03	hsa-miR-877-5p	MIMAT0004949	YP00205626	O03	hsa-miR-576-5p	MIMAT0003241	YP00206064
G04	hsa-miR-148b-3p	MIMAT0000759	YP00204047	O04	hsa-miR-590-3p	MIMAT0004801	YP00205448
G05	hsa-miR-100-5p	MIMAT0000098	YP00205689	O05	hsa-miR-10b-5p	MIMAT0000254	YP00205637

Well	miRNA ID	Accession #	Assay Catalog #	Well	miRNA ID	Accession #	Assay Catalog #
G06	hsa-miR-4422	MIMAT0018935	YP02111931	O06	hsa-miR-96-5p	MIMAT0000095	YP00204417
G07	hsa-miR-18a-3p	MIMAT0002891	YP00204523	O07	hsa-miR-1277-3p	MIMAT0005933	YP02114217
G08	hsa-miR-15a-5p	MIMAT0000068	YP00204066	O08	hsa-miR-486-5p	MIMAT0002177	YP00204001
G09	hsa-miR-134-5p	MIMAT0000447	YP00205989	O09	hsa-miR-188-5p	MIMAT0000457	YP00204239
G10	hsa-miR-421	MIMAT0003339	YP00204603	O10	hsa-miR-615-5p	MIMAT0004804	YP00204445
G11	hsa-miR-181c-5p	MIMAT0000258	YP00204683	O11	hsa-miR-30a-3p	MIMAT0000088	YP00204457
G12	hsa-miR-337-5p	MIMAT0004695	YP00204391	O12	hsa-miR-378i	MIMAT0019074	YP02119362
G13	hsa-miR-1537-3p	MIMAT0007399	YP00205994	O13	hsa-miR-93-5p	MIMAT0000093	YP00204715
G14	hsa-miR-7-5p	MIMAT0000252	YP02119317	O14	hsa-miR-154-5p	MIMAT0000452	YP00204518
G15	hsa-miR-139-5p	MIMAT0000250	YP00205874	O15	hsa-miR-425-5p	MIMAT0003393	YP00204337
G16	hsa-miR-551a	MIMAT0003214	YP00204331	O16	hsa-miR-362-3p	MIMAT0004683	YP00205612
G17	hsa-miR-15a-3p	MIMAT0004488	YP00204435	O17	hsa-miR-92a-3p	MIMAT0000092	YP00204258
G18	hsa-miR-339-3p	MIMAT0004702	YP00204160	O18	hsa-miR-222-3p	MIMAT0000279	YP00204551
G19	hsa-miR-340-5p	MIMAT0004692	YP00206068	O19	hsa-miR-296-5p	MIMAT0000690	YP00204436
G20	hsa-miR-30d-5p	MIMAT0000245	YP00206047	O20	hsa-miR-365a-3p	MIMAT0000710	YP00204622
G21	hsa-miR-3923	MIMAT0018198	YP02111856	O21	hsa-miR-551b-3p	MIMAT0003233	YP00204067
G22	hsa-let-7e-5p	MIMAT0000066	YP00205711	O22	hsa-miR-2467-3p	MIMAT0019953	YP02116006
G23	hsa-miR-335-3p	MIMAT0004703	YP00205613	O23	hsa-miR-2355-3p	MIMAT0017950	YP02118968
G24	hsa-miR-345-5p	MIMAT0000772	YP00206006	O24	hsa-miR-200b-3p	MIMAT0000318	YP00206071
H01	hsa-miR-485-5p	MIMAT0002175	YP02112548	P01	hsa-miR-18a-5p	MIMAT0000072	YP00204207
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H03	hsa-miR-532-3p	MIMAT0004780	YP00204003	P03	hsa-miR-487a-3p	MIMAT0002178	YP00204381
H04	hsa-miR-542-3p	MIMAT0003389	YP00205444	P04	hsa-miR-145-5p	MIMAT0000437	YP00204483
H05	hsa-miR-199a-3p	MIMAT0000232	YP00204536	P05	hsa-miR-1233-3p	MIMAT0005588	YP02116905
H06	hsa-miR-337-3p	MIMAT0000754	YP00205938	P06	hsa-miR-369-3p	MIMAT0000721	YP00206028
H07	hsa-miR-4301	MIMAT0016850	YP02116818	P07	hsa-miR-637	MIMAT0003307	YP00205679
H08	hsa-miR-381-3p	MIMAT0000736	YP00205887	P08	hsa-miR-202-3p	MIMAT0002811	YP00205990
H09	hsa-miR-412-3p	MIMAT0002170	YP00204460	P09	hsa-miR-942-5p	MIMAT0004985	YP00204440
H10	hsa-miR-505-3p	MIMAT0002876	YP00204214	P10	hsa-miR-4688	MIMAT0019777	YP02106632
H11	hsa-miR-136-3p	MIMAT0004606	YP00205503	P11	hsa-miR-197-3p	MIMAT0000227	YP00204380
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H15	hsa-miR-598-3p	MIMAT0003266	YP00204320	P15	hsa-miR-30c-5p	MIMAT0000244	YP00204783
H16	hsa-miR-221-3p	MIMAT0000278	YP00204532	P16	hsa-miR-103a-3p	MIMAT0000101	YP00204063
H17	hsa-miR-28-3p	MIMAT0004502	YP00204119	P17	hsa-miR-451a	MIMAT0001631	YP02119305
H18	hsa-miR-629-3p	MIMAT0003298	YP00204210	P18	hsa-miR-23a-3p	MIMAT0000078	YP00204772
H19	hsa-miR-4267	MIMAT0016893	YP02108101	P19	UniSp2	N/A	YP00203950
H20	hsa-miR-3131	MIMAT0014996	YP02105160	P20	UniSp4	N/A	YP00203953
H21	hsa-miR-124-3p	MIMAT0000422	YP00206026	P21	UniSp5	N/A	YP00203955
H22	hsa-miR-155-5p	MIMAT0000646	YP02119311	P22	UniSp6	N/A	YP00203954
H23	hsa-miR-486-3p	MIMAT0004762	YP00204107	P23	UniSP3	N/A	YP02119288
H24	hsa-miR-26a-5p	MIMAT0000082	YP00206023	P24	UniSP3	N/A	YP02119288

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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