

miScript™ miRNA PCR Array (384-well, 384HC)

Mouse miRBase Profiler HC Plate 1

For mature miRNA expression profiling using SYBR® Green-based real-time PCR

Cyclers for use with miScript miRNA PCR Array formats

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	331223 MIMM-3451ZE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIMM-3451ZG

Contents

miScript miRNA HC PCR Arrays Formats E and G consist of 2, 12 or 24 PCR array plates provided with 2, 12 or 24 Optical Adhesive Films.

Description

Profile the relative expression of up to 1146 mouse miRNAs using an exclusive, scalable set of PCR panels. The miScript Mouse miRBase Profiler HC series of PCR arrays is a 3-plate set with each plate containing a total of 372 microRNA miScript Primer Assays. The set enables the accurate relative quantification of the most current mouse miRNA genome (miRNome or microRNome) as annotated in miRBase (www.miRBase.org). Individual plate(s) containing miRNAs of interest may be selected, or plates may be used in succession to profile miRNAs from each miRBase release up through the most recent version (currently V20). The flexibility and completeness of the panel ensures that scientists can identify all of the miRNAs in body fluids, exosomes, cells, or tissues (fresh, frozen, or FFPE) that potentially impact a specific biological process. By testing the complete set of miRNAs, the miRBase Profiler enables the definition of superior miRNA biomarker panels. A set of controls also present on each array enables data analysis using the

For further details, consult the *miScript miRNA PCR Array Handbook*.

QIAGEN reserves the right to occasionally redesign individual assays on the miScript Arrays for improved performance. This revision history can be accessed by contacting technical support and supplying the batch numbers from your arrays.



Sample & Assay Technologies

Shipping and storage

miScript miRNA PCR Arrays are shipped at ambient temperature, on ice, or on dry ice depending on the destination and accompanying products. Upon receipt, store at -20°C . If stored under these conditions, miScript miRNA PCR Arrays are stable for 6 months after receipt.

Note: Ensure that you have the correct miScript miRNA PCR Array format for your real-time cycler (see table above).

Note: Open the package and store the products at the indicated temperature immediately on receipt.

Array layout

miScript Primer Assays can be ordered for each mature miRNA at www.qiagen.com/GeneGlobe.

Position	Mature miRNA ID	miScript Primer Assay Catalog #
A01	mmu-miR-183-5p	MS00001722
A02	mmu-miR-877-5p	MS00033082
A03	mmu-miR-15b-5p	MS00011235
A04	mmu-miR-9-3p	MS00005887
A05	mmu-miR-199a-5p	MS00032529
A06	mmu-miR-369-5p	MS00006209
A07	mmu-miR-101a-3p	MS00011011
A08	mmu-miR-324-5p	MS00006188
A09	mmu-miR-292-3p	MS00006146
A10	mmu-miR-676-3p	MS00002765
A11	mmu-miR-194-5p	MS00006090
A12	mmu-miR-449a-5p	MS00002387
A13	mmu-miR-712-5p	MS00002982
A14	mmu-miR-34b-5p	MS00007910
A15	mmu-miR-470-5p	MS00012250
A16	mmu-miR-184-3p	MS00001729
A17	mmu-miR-193b-3p	MS00011368
A18	mmu-miR-431-5p	MS00002373
A19	mmu-miR-483-3p	MS00008022
A20	mmu-miR-449c-5p	MS00012033
A21	mmu-miR-149-5p	MS00001666
A22	mmu-miR-215-5p	MS00001918
A23	mmu-miR-191-5p	MS00001771
A24	mmu-miR-331-5p	MS00032718
B01	mmu-miR-200b-5p	MS00011424
B02	mmu-miR-92a-3p	MS00005971
B03	mmu-miR-770-3p	MS00006475
B04	mmu-miR-326-3p	MS00002107
B05	mmu-miR-210-3p	MS00032564
B06	mmu-miR-216a-5p	MS00032578
B07	mmu-miR-125a-5p	MS00001533
B08	mmu-miR-126a-5p	MS00006006
B09	mmu-miR-376c-3p	MS00002268
B10	mmu-miR-466g	MS00032872
B11	mmu-miR-138-5p	MS00006041
B12	mmu-miR-346-5p	MS00032753
B13	mmu-miR-18a-5p	MS00032431
B14	mmu-miR-665-3p	MS00008092
B15	mmu-miR-345-3p	MS00011893
B16	mmu-miR-290a-5p	MS00001974
B17	mmu-let-7f-5p	MS00005866
B18	mmu-miR-134-5p	MS00001568
B19	mmu-miR-216b-5p	MS00008078
B20	mmu-miR-362-3p	MS00011914
B21	mmu-miR-434-5p	MS00007994
B22	mmu-miR-342-3p	MS00002184
B23	mmu-miR-125b-5p	MS00005992
B24	mmu-miR-874-3p	MS00022344
C01	mmu-miR-672-5p	MS00002744
C02	mmu-miR-382-5p	MS00032809
C03	mmu-miR-872-5p	MS00012719
C04	mmu-miR-484	MS00002499
C05	mmu-miR-688	MS00002835
C06	mmu-miR-122-5p	MS00001526
C07	mmu-miR-710	MS00002968
C08	mmu-miR-455-3p	MS00008099
C09	mmu-miR-880-3p	MS00033103
C10	mmu-miR-485-5p	MS00006342
C11	mmu-miR-146a-5p	MS00001638
C12	mmu-miR-489-3p	MS00002527
C13	mmu-miR-21a-5p	MS00011487
C14	mmu-miR-196b-5p	MS00032522
C15	mmu-miR-137-3p	MS00001589
C16	mmu-miR-377-3p	MS00002275

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	mmu-miR-654-5p	MS00012446
C18	mmu-miR-677-5p	MS00012502
C19	mmu-miR-671-3p	MS00033012
C20	mmu-miR-466d-3p	MS00012159
C21	mmu-miR-224-5p	MS00011536
C22	mmu-miR-434-3p	MS00006286
C23	mmu-miR-375-3p	MS00032774
C24	mmu-miR-302b-3p	MS00002058
D01	mmu-miR-652-3p	MS00012425
D02	mmu-miR-330-5p	MS00011816
D03	mmu-miR-495-3p	MS00032921
D04	mmu-miR-667-3p	MS00002702
D05	mmu-miR-341-3p	MS00007931
D06	mmu-miR-541-5p	MS00012341
D07	mmu-miR-30d-5p	MS00011746
D08	mmu-miR-582-3p	MS00012383
D09	mmu-let-7a-5p	MS00032179
D10	mmu-miR-376a-3p	MS00002254
D11	mmu-miR-34b-3p	MS00011900
D12	mmu-miR-21a-3p	MS00011494
D13	mmu-miR-487b-3p	MS00002513
D14	mmu-miR-22-3p	MS00001330
D15	mmu-miR-721	MS00012621
D16	mmu-miR-504-5p	MS00012299
D17	mmu-miR-200a-3p	MS00001813
D18	mmu-miR-378a-3p	MS00032781
D19	mmu-miR-29c-3p	MS00001379
D20	mmu-miR-294-5p	MS00032627
D21	mmu-miR-467b-3p	MS00002457
D22	mmu-miR-340-3p	MS00002170
D23	mmu-miR-290a-3p	MS00011585
D24	mmu-miR-380-5p	MS00006251
E01	mmu-miR-744-5p	MS00003045
E02	mmu-miR-500-3p	MS00008064
E03	mmu-miR-155-5p	MS00001701
E04	mmu-miR-101b-3p	MS00011025
E05	mmu-miR-875-3p	MS00012747
E06	mmu-miR-29a-3p	MS00001372
E07	mmu-miR-302c-5p	MS00008036
E08	mmu-miR-130a-3p	MS00001547
E09	mmu-miR-882	MS00012838
E10	mmu-miR-542-5p	MS00006370
E11	mmu-miR-203-3p	MS00001848
E12	mmu-miR-27a-3p	MS00001351
E13	mmu-miR-301b-3p	MS00008113
E14	mmu-miR-331-3p	MS00002135
E15	mmu-miR-34c-5p	MS00001442
E16	mmu-miR-218-5p	MS00006118
E17	mmu-miR-302d-3p	MS00002072
E18	mmu-miR-187-3p	MS00001750
E19	mmu-miR-188-5p	MS00001757
E20	mmu-miR-139-5p	MS00001596
E21	mmu-miR-19a-3p	MS00001302
E22	mmu-miR-343	MS00032739
E23	mmu-miR-295-3p	MS00001995
E24	mmu-miR-181c-5p	MS00032382
F01	mmu-miR-23b-3p	MS00032606
F02	mmu-miR-532-5p	MS00002611
F03	mmu-miR-876-5p	MS00012768
F04	mmu-miR-133b-3p	MS00032312
F05	mmu-miR-192-5p	MS00011354
F06	mmu-miR-883a-3p	MS00012845
F07	mmu-miR-883b-3p	MS00012859
F08	mmu-miR-770-5p	MS00033068
F09	mmu-miR-883b-5p	MS00012866
F10	mmu-miR-323-5p	MS00016422
F11	mmu-miR-322-5p	MS00029218
F12	mmu-miR-222-3p	MS00007959
F13	mmu-miR-590-5p	MS00012404
F14	mmu-miR-425-5p	MS00012012
F15	mmu-miR-144-3p	MS00032326
F16	mmu-miR-804	MS00012705

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	mmu-miR-719	MS00003024
F18	mmu-miR-759	MS00003059
F19	mmu-miR-345-5p	MS00002198
F20	mmu-miR-30b-5p	MS00001386
F21	mmu-miR-25-3p	MS00001337
F22	mmu-miR-875-5p	MS00012754
F23	mmu-miR-433-3p	MS00006272
F24	mmu-miR-509-5p	MS00012313
G01	mmu-miR-883a-5p	MS00012852
G02	mmu-miR-31-5p	MS00001407
G03	mmu-miR-201-5p	MS00001834
G04	mmu-miR-142-3p	MS00006055
G05	mmu-miR-686	MS00002821
G06	mmu-miR-291a-5p	MS00032620
G07	mmu-miR-296-5p	MS00016436
G08	mmu-miR-361-5p	MS00002226
G09	mmu-miR-351-5p	MS00002219
G10	mmu-miR-103-3p	MS00032228
G11	mmu-miR-148b-3p	MS00001659
G12	mmu-let-7g-5p	MS00010983
G13	mmu-miR-409-5p	MS00011977
G14	mmu-miR-190b-5p	MS00011340
G15	mmu-miR-16-5p	MS00037366
G16	mmu-miR-409-3p	MS00011970
G17	mmu-miR-876-3p	MS00012761
G18	mmu-miR-126a-3p	MS00005999
G19	mmu-miR-320-3p	MS00011767
G20	mmu-miR-381-3p	MS00032802
G21	mmu-miR-182-5p	MS00011291
G22	mmu-miR-590-3p	MS00012397
G23	mmu-miR-106a-5p	MS00011039
G24	mmu-miR-532-3p	MS00012327
H01	mmu-miR-142-5p	MS00006062
H02	mmu-miR-186-5p	MS00032396
H03	mmu-miR-107-3p	MS00032235
H04	mmu-miR-29b-3p	MS00005936
H05	mmu-miR-329-3p	MS00002121
H06	mmu-miR-92b-3p	MS00012887
H07	mmu-miR-291b-3p	MS00008029
H08	mmu-miR-202-3p	MS00011438
H09	mmu-miR-675-5p	MS00006398
H10	mmu-miR-146b-5p	MS00001645
H11	mmu-miR-411-5p	MS00011984
H12	mmu-miR-878-3p	MS00012789
H13	mmu-miR-466f-5p	MS00032865
H14	mmu-miR-802-5p	MS00003101
H15	mmu-let-7b-5p	MS00001225
H16	mmu-miR-302a-5p	MS00011697
H17	mmu-miR-98-5p	MS00001463
H18	mmu-miR-714	MS00022323
H19	mmu-miR-762	MS00016443
H20	mmu-miR-327	MS00011802
H21	mmu-miR-19b-3p	MS00005915
H22	mmu-miR-376b-5p	MS00006237
H23	mmu-miR-328-3p	MS00032690
H24	mmu-miR-338-5p	MS00032725
I01	mmu-miR-196a-5p	MS00032515
I02	mmu-miR-380-3p	MS00006244
I03	mmu-miR-701-5p	MS00012565
I04	mmu-miR-350-3p	MS00007938
I05	mmu-miR-154-3p	MS00011221
I06	mmu-miR-467c-5p	MS00012215
I07	mmu-miR-125a-3p	MS00011088
I08	mmu-let-7c-5p	MS00005852
I09	mmu-miR-881-5p	MS00033110
I10	mmu-miR-674-5p	MS00012488
I11	mmu-miR-654-3p	MS00012439
I12	mmu-miR-546	MS00002646
I13	mmu-miR-100-5p	MS00032214
I14	mmu-miR-20b-5p	MS00001316
I15	mmu-miR-362-5p	MS00011921
I16	mmu-miR-133a-3p	MS00032305

Position	Mature miRNA ID	miScript Primer Assay Catalog #
I17	mmu-miR-700-3p	MS00002898
I18	mmu-miR-615-3p	MS00002674
I19	mmu-miR-467e-5p	MS00012236
I20	mmu-miR-708-5p	MS00012593
I21	mmu-miR-217-5p	MS00007966
I22	mmu-miR-301a-3p	MS00011683
I23	mmu-miR-140-3p	MS00006048
I24	mmu-miR-503-5p	MS00002597
J01	mmu-let-7d-5p	MS00001232
J02	mmu-miR-335-3p	MS00011837
J03	mmu-miR-26b-5p	MS00001344
J04	mmu-miR-542-3p	MS00012348
J05	mmu-miR-19a-5p	MS00011403
J06	mmu-miR-135b-5p	MS00001575
J07	mmu-miR-720	MS00012614
J08	mmu-miR-195a-5p	MS00001792
J09	mmu-miR-711	MS00002975
J10	mmu-miR-34a-5p	MS00001428
J11	mmu-miR-130b-3p	MS00001554
J12	mmu-let-7e-5p	MS00032186
J13	mmu-miR-681	MS00002793
J14	mmu-miR-188-3p	MS00011312
J15	mmu-miR-32-5p	MS00001414
J16	mmu-let-7i-5p	MS00001253
J17	mmu-miR-208b-3p	MS00011466
J18	mmu-miR-135a-5p	MS00011130
J19	mmu-miR-707	MS00002947
J20	mmu-miR-298-5p	MS00002016
J21	mmu-miR-666-3p	MS00012453
J22	mmu-miR-181b-5p	MS00032368
J23	mmu-miR-466c-5p	MS00032858
J24	mmu-miR-384-3p	MS00011956
K01	mmu-miR-200c-5p	MS00032543
K02	mmu-miR-140-5p	MS00032319
K03	mmu-miR-7a-5p	MS00005880
K04	mmu-miR-185-5p	MS00001736
K05	mmu-miR-496a-3p	MS00002562
K06	mmu-miR-129-5p	MS00006020
K07	mmu-miR-758-3p	MS00012677
K08	mmu-miR-128-3p	MS00011116
K09	mmu-miR-30e-5p	MS00011753
K10	mmu-miR-339-5p	MS00002163
K11	mmu-miR-337-3p	MS00011844
K12	mmu-miR-342-5p	MS00011879
K13	mmu-miR-20a-5p	MS00001309
K14	mmu-miR-429-3p	MS00002366
K15	mmu-miR-141-3p	MS00001610
K16	mmu-miR-7b-5p	MS00001260
K17	mmu-miR-93-5p	MS00001449
K18	mmu-miR-30c-5p	MS00011725
K19	mmu-miR-543-3p	MS00032942
K20	mmu-miR-10a-5p	MS00032242
K21	mmu-miR-449b	MS00012026
K22	mmu-miR-338-3p	MS00002156
K23	mmu-miR-214-3p	MS00032571
K24	mmu-miR-574-3p	MS00032963
L01	mmu-miR-335-5p	MS00002142
L02	mmu-miR-453	MS00012054
L03	mmu-miR-291a-3p	MS00007903
L04	mmu-miR-211-5p	MS00001897
L05	mmu-miR-684	MS00033026
L06	mmu-miR-27b-3p	MS00001358
L07	mmu-miR-205-5p	MS00001862
L08	mmu-miR-683	MS00002807
L09	mmu-miR-337-5p	MS00011851
L10	mmu-miR-742-3p	MS00033047
L11	mmu-miR-384-5p	MS00011963
L12	mmu-miR-325-3p	MS00011788
L13	mmu-miR-501-5p	MS00032935
L14	mmu-miR-324-3p	MS00006181
L15	mmu-miR-423-3p	MS00002352
L16	mmu-miR-451a	MS00002408

Position	Mature miRNA ID	miScript Primer Assay Catalog #
L17	mmu-miR-132-3p	MS00001561
L18	mmu-miR-669b-5p	MS00002716
L19	mmu-miR-153-3p	MS00011214
L20	mmu-miR-96-5p	MS00001456
L21	mmu-miR-1a-3p	MS00011004
L22	mmu-miR-10b-5p	MS00032249
L23	mmu-miR-653-5p	MS00032977
L24	mmu-miR-383-5p	MS00002310
M01	mmu-miR-300-3p	MS00032648
M02	mmu-miR-9-5p	MS00012873
M03	mmu-miR-743b-5p	MS00033061
M04	mmu-miR-421-3p	MS00032830
M05	mmu-miR-148a-3p	MS00001652
M06	mmu-miR-181d-5p	MS00011284
M07	mmu-miR-223-3p	MS00032592
M08	mmu-miR-763	MS00003087
M09	mmu-miR-702-3p	MS00002912
M10	mmu-miR-488-3p	MS00006349
M11	mmu-miR-15a-5p	MS00001281
M12	mmu-miR-24-3p	MS00005922
M13	mmu-miR-124-3p	MS00029211
M14	mmu-miR-127-5p	MS00011109
M15	mmu-miR-450b-3p	MS00006307
M16	mmu-miR-221-3p	MS00032585
M17	mmu-miR-202-5p	MS00032550
M18	mmu-miR-678	MS00002779
M19	mmu-miR-193a-3p	MS00001785
M20	mmu-miR-99a-5p	MS00033117
M21	mmu-miR-547-3p	MS00012362
M22	mmu-miR-151-3p	MS00032340
M23	mmu-miR-33-5p	MS00032697
M24	mmu-miR-497-5p	MS00002569
N01	mmu-miR-23a-3p	MS00032599
N02	mmu-miR-582-5p	MS00012390
N03	mmu-miR-761	MS00012684
N04	mmu-miR-465a-5p	MS00012082
N05	mmu-miR-687	MS00012523
N06	mmu-miR-106b-5p	MS00001512
N07	mmu-miR-152-3p	MS00001687
N08	mmu-miR-299a-3p	MS00011648
N09	mmu-miR-704	MS00002926
N10	mmu-miR-17-5p	MS00011256
N11	mmu-miR-30a-5p	MS00011704
N12	mmu-miR-764-3p	MS00006461
N13	mmu-miR-147-3p	MS00032333
N14	mmu-miR-150-5p	MS00001673
N15	mmu-miR-698-3p	MS00002884
N16	mmu-miR-296-3p	MS00011613
N17	mmu-miR-743a-3p	MS00012649
N18	mmu-miR-151-5p	MS00011207
N19	mmu-miR-501-3p	MS00032928
N20	mmu-miR-423-5p	MS00012005
N21	mmu-miR-105	MS00011032
N22	mmu-miR-124-5p	MS00011081
N23	mmu-let-7b-3p	MS00010941
N24	mmu-let-7c-1-3p	MS00010948
O01	mmu-let-7d-3p	MS00005859
O02	mmu-let-7g-3p	MS00032200
O03	mmu-let-7i-3p	MS00032207
O04	mmu-miR-101a-5p	MS00011018
O05	mmu-miR-106b-3p	MS00011046
O06	mmu-miR-10b-3p	MS00011067
O07	mmu-miR-1187	MS00021861
O08	mmu-miR-1188-5p	MS00032256
O09	mmu-miR-1190	MS00014861
O10	mmu-miR-1191	MS00014868
O11	mmu-miR-1192	MS00032263
O12	mmu-miR-1194	MS00032270
O13	mmu-miR-1195	MS00032277
O14	mmu-miR-1196-5p	MS00032284
O15	mmu-miR-1199-5p	MS00014924
O16	mmu-miR-130b-5p	MS00011123

Position	Mature miRNA ID	miScript Primer Assay Catalog #
O17	mmu-miR-133a-5p	MS00006027
O18	mmu-miR-141-5p	MS00011165
O19	mmu-miR-145a-5p	MS00001631
O20	mmu-miR-145a-3p	MS00011172
O21	mmu-miR-146b-3p	MS00011179
O22	mmu-miR-148a-5p	MS00011193
O23	mmu-miR-15a-3p	MS00032354
O24	mmu-miR-15b-3p	MS00011242
P01	mmu-miR-17-3p	MS00005901
P02	mmu-miR-181a-5p	MS00011263
P03	mmu-miR-181a-1-3p	MS00032361
P04	mmu-miR-181a-2-3p	MS00011270
P05	mmu-miR-183-3p	MS00011298
P06	mmu-miR-1839-3p	MS00017080
P07	mmu-miR-186-3p	MS00011305
P08	mmu-miR-1892	MS00016681
P09	mmu-miR-1895	MS00032410
P10	mmu-miR-1896	MS00032417
P11	mmu-miR-1897-3p	MS00016625
P12	mmu-miR-1897-5p	MS00016646
P13	cel-miR-39-3p	MS00019789
P14	cel-miR-39-3p	MS00019789
P15	SNORD61	MS00033705
P16	SNORD68	MS00033712
P17	SNORD72	MS00033719
P18	SNORD95	MS00033726
P19	SNORD96A	MS00033733
P20	RNU6-2	MS00033740
P21	miRTC	MS00000001
P22	miRTC	MS00000001
P23	PPC	MS00000002
P24	PPC	MS00000002

Related products

Product	Contents	Cat. no.
miScript II RT Kit (12)	For 12 cDNA synthesis reactions: miScript Reverse Transcriptase Mix, 10x miScript Nucleics Mix, 5x miScript HiSpec Buffer, 5x miScript HiFlex Buffer, RNase-Free Water	218160
miScript II RT Kit (50)	For 50 cDNA synthesis reactions: miScript Reverse Transcriptase Mix, 10x miScript Nucleics Mix, 5x miScript HiSpec Buffer, 5x miScript HiFlex Buffer, RNase-Free Water	218161
miScript SYBR Green PCR Kit (200)	For 200 reactions: QuantiTect SYBR Green PCR Master Mix, miScript Universal Primer	218073
miScript SYBR Green PCR Kit (1000)	For 1000 reactions: QuantiTect SYBR Green PCR Master Mix, miScript Universal Primer	218075
miRNome miScript miRNA PCR Array	Array of assays for the human, mouse, rat, or dog miRNome; available in 96-well, 384-well, or Rotor-Disc 100 format	Varies
miScript miRNA QC PCR Array	Array for assessing cDNA sample quality	Varies
miScript Primer Assay (100)	10x miScript Primer Assay (contains one miRNA-specific primer)	Varies
RT ² PCR Array Loading Reservoirs	12 x 5 ml capacity, irradiation-sterilized loading reservoirs	338162
384EZLoad Covers	Pack of 4 color-coded covers for loading 384-well plates	338125

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