

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

Human 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 MIHS-3401ZE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIHS-3401ZG

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 2402 human miRNAs using an exclusive, scalable set of PCR panels. The miScript Human miRBase Profiler HC series of PCR arrays is a 7-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 human 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	hsa-miR-346	MS00031773
A02	hsa-miR-196b-5p	MS00031570
A03	hsa-miR-214-3p	MS00031605
A04	hsa-miR-223-3p	MS00003871
A05	hsa-miR-643	MS00005264
A06	hsa-miR-608	MS00005019
A07	hsa-miR-376b-3p	MS00007399
A08	hsa-miR-944	MS00010899
A09	hsa-miR-211-5p	MS00003808
A10	hsa-miR-612	MS00005047
A11	hsa-miR-194-5p	MS00006727
A12	hsa-miR-411-5p	MS00004151
A13	hsa-miR-548c-3p	MS00010122
A14	hsa-miR-299-3p	MS00031682
A15	hsa-miR-523-3p	MS00031962
A16	hsa-miR-382-5p	MS00031836
A17	hsa-miR-515-3p	MS00007028
A18	hsa-miR-375	MS00031829
A19	hsa-miR-196a-5p	MS00031563
A20	hsa-miR-658	MS00005369
A21	hsa-miR-106b-5p	MS00003402
A22	hsa-miR-210-3p	MS00003801
A23	hsa-miR-511-5p	MS00006993
A24	hsa-miR-514a-3p	MS00031948
B01	hsa-miR-659-3p	MS00032095
B02	hsa-miR-597-5p	MS00004942
B03	hsa-miR-130a-3p	MS00003444
B04	hsa-miR-652-3p	MS00010451
B05	hsa-miR-183-5p	MS00031507
B06	hsa-miR-192-5p	MS00003689
B07	hsa-miR-30c-5p	MS00009366
B08	hsa-miR-421	MS00004165
B09	hsa-miR-512-5p	MS00031941
B10	hsa-miR-29c-3p	MS00003269
B11	hsa-miR-410-3p	MS00004144
B12	hsa-miR-938	MS00010857
B13	hsa-miR-641	MS00032067
B14	hsa-let-7i-5p	MS00003157
B15	hsa-miR-628-3p	MS00005159
B16	hsa-miR-188-5p	MS00003668
B17	hsa-miR-92a-3p	MS00006594
B18	hsa-miR-126-3p	MS00003430
B19	hsa-miR-181c-5p	MS00008841
B20	hsa-miR-30b-5p	MS00003276
B21	hsa-miR-370-3p	MS00004053
B22	hsa-miR-301b	MS00009324
B23	hsa-miR-340-5p	MS00031759
B24	hsa-miR-15b-5p	MS00008792
C01	hsa-miR-330-3p	MS00031738
C02	hsa-miR-372-3p	MS00004067
C03	hsa-miR-379-5p	MS00009653
C04	hsa-miR-93-5p	MS00003346
C05	hsa-miR-10a-5p	MS00031262
C06	hsa-miR-193b-3p	MS00031549
C07	hsa-miR-651-5p	MS00005320
C08	hsa-miR-618	MS00005089
C09	hsa-miR-518a-3p	MS00007063
C10	hsa-miR-647	MS00005292
C11	hsa-miR-15a-5p	MS00003178
C12	hsa-miR-564	MS00004718
C13	hsa-miR-548d-3p	MS00007161
C14	hsa-miR-371a-3p	MS00004060
C15	hsa-miR-190a-5p	MS00008911
C16	hsa-miR-33a-5p	MS00003304

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	hsa-miR-504-5p	MS00004410
C18	hsa-miR-18b-5p	MS00031521
C19	hsa-miR-506-3p	MS00009856
C20	hsa-miR-324-5p	MS00006825
C21	hsa-miR-215-5p	MS00003829
C22	hsa-miR-200c-3p	MS00003752
C23	hsa-miR-95-3p	MS00010906
C24	hsa-miR-376a-3p	MS00007392
D01	hsa-miR-29a-3p	MS00003262
D02	hsa-miR-26b-5p	MS00003234
D03	hsa-let-7a-5p	MS00031220
D04	hsa-miR-770-5p	MS00010584
D05	hsa-let-7g-5p	MS00008337
D06	hsa-miR-25-3p	MS00003227
D07	hsa-miR-532-5p	MS00004571
D08	hsa-miR-563	MS00004711
D09	hsa-miR-433-3p	MS00004214
D10	hsa-miR-144-3p	MS00020328
D11	hsa-miR-501-5p	MS00009835
D12	hsa-miR-425-5p	MS00009695
D13	hsa-miR-32-5p	MS00003297
D14	hsa-miR-621	MS00005110
D15	hsa-miR-505-3p	MS00004417
D16	hsa-miR-633	MS00010409
D17	hsa-miR-744-5p	MS00010549
D18	hsa-miR-26a-5p	MS00029239
D19	hsa-miR-28-5p	MS00003255
D20	hsa-miR-581	MS00004837
D21	hsa-miR-10b-5p	MS00031269
D22	hsa-miR-576-5p	MS00007798
D23	hsa-miR-555	MS00004655
D24	hsa-miR-605-5p	MS00004998
E01	hsa-miR-520d-3p	MS00004529
E02	hsa-miR-455-5p	MS00031878
E03	hsa-miR-497-5p	MS00004361
E04	hsa-miR-646	MS00032074
E05	hsa-miR-548b-3p	MS00004599
E06	hsa-miR-24-3p	MS00006552
E07	hsa-miR-522-3p	MS00007756
E08	hsa-miR-575	MS00004795
E09	hsa-miR-187-3p	MS00003661
E10	hsa-miR-615-3p	MS00029225
E11	hsa-miR-18a-5p	MS00031514
E12	hsa-miR-222-3p	MS00007609
E13	hsa-miR-9-5p	MS00010752
E14	hsa-miR-125b-5p	MS00006629
E15	hsa-miR-365b-3p	MS00031801
E16	hsa-miR-325	MS00003941
E17	hsa-miR-184	MS00003640
E18	hsa-miR-660-5p	MS00005383
E19	hsa-miR-148b-3p	MS00031458
E20	hsa-let-7c-5p	MS00003129
E21	hsa-miR-542-3p	MS00010073
E22	hsa-miR-558	MS00004676
E23	hsa-miR-579-3p	MS00007805
E24	hsa-miR-595	MS00004928
F01	hsa-miR-185-5p	MS00003647
F02	hsa-miR-362-5p	MS00009569
F03	hsa-miR-376c-3p	MS00004046
F04	hsa-miR-542-5p	MS00007147
F05	hsa-miR-155-5p	MS00031486
F06	hsa-miR-200a-5p	MS00009009
F07	hsa-miR-648	MS00032081
F08	hsa-miR-206	MS00003787
F09	hsa-miR-363-3p	MS00009576
F10	hsa-miR-124-3p	MS00006622
F11	hsa-miR-148a-3p	MS00003556
F12	hsa-miR-650	MS00005313
F13	hsa-miR-132-3p	MS00003458
F14	hsa-miR-559	MS00010185
F15	hsa-miR-369-5p	MS00006860
F16	hsa-miR-484	MS00004277

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	hsa-miR-524-3p	MS00004550
F18	hsa-miR-616-5p	MS00010346
F19	hsa-miR-423-3p	MS00004179
F20	hsa-miR-556-5p	MS00032011
F21	hsa-miR-619-3p	MS00032039
F22	hsa-miR-424-5p	MS00004186
F23	hsa-miR-622	MS00005117
F24	hsa-miR-582-5p	MS00004844
G01	hsa-miR-549a	MS00004613
G02	hsa-miR-486-5p	MS00004284
G03	hsa-miR-302c-3p	MS00003913
G04	hsa-miR-125a-5p	MS00003423
G05	hsa-miR-20b-5p	MS00003206
G06	hsa-miR-630	MS00005173
G07	hsa-miR-525-3p	MS00007126
G08	hsa-miR-512-3p	MS00007000
G09	hsa-miR-384	MS00009667
G10	hsa-miR-186-5p	MS00003654
G11	hsa-miR-149-5p	MS00003570
G12	hsa-miR-146b-5p	MS00003542
G13	hsa-miR-141-3p	MS00003507
G14	hsa-miR-23b-3p	MS00031647
G15	hsa-miR-487b-3p	MS00004298
G16	hsa-miR-422a	MS00004172
G17	hsa-miR-635	MS00005208
G18	hsa-miR-296-5p	MS00016401
G19	hsa-miR-152-3p	MS00003591
G20	hsa-miR-22-3p	MS00003220
G21	hsa-miR-450a-5p	MS00006937
G22	hsa-miR-212-3p	MS00003815
G23	hsa-miR-361-5p	MS00004032
G24	hsa-miR-429	MS00004193
H01	hsa-miR-23a-3p	MS00031633
H02	hsa-miR-208a-3p	MS00003794
H03	hsa-miR-485-3p	MS00031885
H04	hsa-miR-487a-3p	MS00004291
H05	hsa-miR-19b-3p	MS00031584
H06	hsa-miR-488-3p	MS00009772
H07	hsa-miR-449a	MS00004228
H08	hsa-miR-103a-3p	MS00031241
H09	hsa-miR-649	MS00005306
H10	hsa-miR-96-5p	MS00003360
H11	hsa-miR-203a	MS00003766
H12	hsa-miR-142-3p	MS00031451
H13	hsa-miR-639	MS00032060
H14	hsa-miR-551a	MS00010150
H15	hsa-miR-769-5p	MS00007210
H16	hsa-miR-562	MS00004704
H17	hsa-miR-657	MS00010479
H18	hsa-miR-624-5p	MS00010360
H19	hsa-miR-610	MS00010311
H20	hsa-miR-127-3p	MS00003437
H21	hsa-miR-134-5p	MS00031437
H22	hsa-miR-412-3p	MS00004158
H23	hsa-let-7f-5p	MS00006489
H24	hsa-miR-566	MS00032018
I01	hsa-miR-492	MS00004333
I02	hsa-miR-122-5p	MS00003416
I03	hsa-miR-518b	MS00004466
I04	hsa-miR-585-3p	MS00010241
I05	hsa-miR-34a-5p	MS00003318
I06	hsa-miR-502-5p	MS00004396
I07	hsa-miR-452-5p	MS00031871
I08	hsa-miR-508-3p	MS00009863
I09	hsa-miR-607	MS00005012
I10	hsa-miR-133b	MS00031430
I11	hsa-miR-143-3p	MS00003514
I12	hsa-miR-766-3p	MS00005439
I13	hsa-miR-600	MS00004963
I14	hsa-miR-142-5p	MS00006671
I15	hsa-miR-202-3p	MS00009037
I16	hsa-miR-19a-3p	MS00003192

Position	Mature miRNA ID	miScript Primer Assay Catalog #
I17	hsa-miR-583	MS00004851
I18	hsa-miR-448	MS00004221
I19	hsa-miR-130b-3p	MS00003451
I20	hsa-miR-128-3p	MS00008582
I21	hsa-miR-454-3p	MS00007861
I22	hsa-miR-524-5p	MS00031969
I23	hsa-miR-182-5p	MS00008855
I24	hsa-miR-495-3p	MS00004347
J01	hsa-miR-335-5p	MS00003976
J02	hsa-miR-135b-5p	MS00003472
J03	hsa-miR-34c-5p	MS00003332
J04	hsa-miR-1	MS00008358
J05	hsa-miR-662	MS00005397
J06	hsa-miR-27a-3p	MS00003241
J07	hsa-miR-320a	MS00014707
J08	hsa-miR-942-5p	MS00010885
J09	hsa-miR-591	MS00004907
J10	hsa-miR-16-5p	MS00031493
J11	hsa-miR-100-5p	MS00031234
J12	hsa-miR-626	MS00010374
J13	hsa-miR-758-3p	MS00010563
J14	hsa-let-7e-5p	MS00031227
J15	hsa-miR-493-3p	MS00006979
J16	hsa-miR-374a-5p	MS00009604
J17	hsa-miR-129-5p	MS00006643
J18	hsa-miR-589-5p	MS00010255
J19	hsa-miR-518d-3p	MS00009968
J20	hsa-miR-571	MS00004767
J21	hsa-miR-623	MS00005124
J22	hsa-miR-338-3p	MS00003990
J23	hsa-miR-138-5p	MS00006657
J24	hsa-miR-27b-3p	MS00031668
K01	hsa-miR-637	MS00005222
K02	hsa-miR-383-5p	MS00004130
K03	hsa-miR-195-5p	MS00003703
K04	hsa-miR-513a-5p	MS00009912
K05	hsa-miR-548a-5p	MS00010108
K06	hsa-miR-519e-5p	MS00007091
K07	hsa-miR-362-3p	MS00009562
K08	hsa-miR-342-3p	MS00004011
K09	hsa-miR-587	MS00004879
K10	hsa-miR-331-3p	MS00003969
K11	hsa-miR-877-5p	MS00032123
K12	hsa-miR-329-3p	MS00006832
K13	hsa-miR-140-3p	MS00008673
K14	hsa-miR-590-5p	MS00004900
K15	hsa-miR-548o-5p	MS00010129
K16	hsa-miR-135a-5p	MS00008624
K17	hsa-miR-501-3p	MS00009828
K18	hsa-miR-219a-5p	MS00006776
K19	hsa-miR-378a-3p	MS00006909
K20	hsa-miR-139-5p	MS00003493
K21	hsa-miR-935	MS00010836
K22	hsa-miR-515-5p	MS00007035
K23	hsa-miR-331-5p	MS00031745
K24	hsa-miR-496	MS00007707
L01	hsa-miR-885-5p	MS00010668
L02	hsa-miR-629-5p	MS00010395
L03	hsa-miR-502-3p	MS00031927
L04	hsa-miR-99a-5p	MS00032158
L05	hsa-miR-767-5p	MS00007182
L06	hsa-miR-380-3p	MS00006881
L07	hsa-miR-197-3p	MS00008967
L08	hsa-miR-578	MS00004816
L09	hsa-let-7b-5p	MS00003122
L10	hsa-miR-518c-3p	MS00004473
L11	hsa-miR-181b-5p	MS00006699
L12	hsa-miR-937-3p	MS00010850
L13	hsa-miR-432-5p	MS00031850
L14	hsa-miR-7-5p	MS00032116
L15	hsa-miR-302b-3p	MS00003906
L16	hsa-miR-489-3p	MS00007700

Position	Mature miRNA ID	miScript Primer Assay Catalog #
L17	hsa-miR-20a-5p	MS00003199
L18	hsa-miR-337-3p	MS00007651
L19	hsa-miR-567	MS00004739
L20	hsa-miR-218-5p	MS00006769
L21	hsa-miR-101-3p	MS00008372
L22	hsa-miR-205-5p	MS00003780
L23	hsa-miR-613	MS00005054
L24	hsa-miR-98-5p	MS00003367
M01	hsa-miR-369-3p	MS00006853
M02	hsa-miR-190b	MS00008918
M03	hsa-miR-345-5p	MS00031766
M04	hsa-miR-219a-2-3p	MS00009135
M05	hsa-miR-21-5p	MS00009079
M06	hsa-miR-554	MS00004648
M07	hsa-miR-361-3p	MS00009555
M08	hsa-miR-193a-5p	MS00008932
M09	hsa-miR-548d-5p	MS00010136
M10	hsa-miR-498	MS00004368
M11	hsa-miR-576-3p	MS00032032
M12	hsa-miR-518f-5p	MS00007728
M13	hsa-miR-208b-3p	MS00009058
M14	hsa-miR-191-5p	MS00003682
M15	hsa-miR-532-3p	MS00010052
M16	hsa-miR-544a	MS00010087
M17	hsa-miR-188-3p	MS00008897
M18	hsa-miR-431-5p	MS00004200
M19	hsa-miR-543	MS00010080
M20	hsa-miR-30d-5p	MS00009387
M21	hsa-miR-129-2-3p	MS00008596
M22	hsa-miR-30a-5p	MS00007350
M23	hsa-miR-140-5p	MS00003500
M24	hsa-miR-151a-3p	MS00007665
N01	hsa-miR-551b-3p	MS00004627
N02	hsa-miR-181d-5p	MS00031500
N03	hsa-miR-588	MS00004886
N04	hsa-miR-520g-3p	MS00031955
N05	hsa-miR-105-5p	MS00031248
N06	hsa-miR-520e	MS00004536
N07	hsa-miR-545-3p	MS00010094
N08	hsa-miR-302a-3p	MS00009331
N09	hsa-miR-29b-3p	MS00006566
N10	hsa-miR-632	MS00010402
N11	hsa-miR-802	MS00010598
N12	hsa-miR-590-3p	MS00010269
N13	hsa-let-7d-5p	MS00003136
N14	hsa-miR-147a	MS00003549
N15	hsa-miR-519c-3p	MS00010003
N16	hsa-miR-580-3p	MS00010227
N17	hsa-miR-373-3p	MS00031815
N18	hsa-miR-181a-5p	MS00008827
N19	hsa-miR-301a-3p	MS00009317
N20	hsa-miR-28-3p	MS00009254
N21	hsa-miR-137	MS00003486
N22	hsa-miR-875-3p	MS00010619
N23	hsa-miR-127-5p	MS00008575
N24	hsa-miR-339-5p	MS00003997
O01	hsa-miR-873-5p	MS00010605
O02	hsa-miR-146a-5p	MS00003535
O03	hsa-miR-150-5p	MS00003577
O04	hsa-miR-298	MS00009275
O05	hsa-miR-17-3p	MS00006524
O06	hsa-miR-455-3p	MS00009744
O07	hsa-miR-30e-5p	MS00009401
O08	hsa-miR-151a-5p	MS00008764
O09	hsa-let-7a-3p	MS00008274
O10	hsa-let-7b-3p	MS00008281
O11	hsa-let-7d-3p	MS00008302
O12	hsa-let-7f-1-3p	MS00008323
O13	hsa-let-7f-2-3p	MS00008330
O14	hsa-let-7g-3p	MS00008344
O15	hsa-let-7i-3p	MS00008351
O16	hsa-miR-103b	MS00016520

Position	Mature miRNA ID	miScript Primer Assay Catalog #
O17	hsa-miR-106b-3p	MS00008400
O18	hsa-miR-10b-3p	MS00008421
O19	hsa-miR-125b-1-3p	MS00008561
O20	hsa-miR-125b-2-3p	MS00008568
O21	hsa-miR-126-5p	MS00006636
O22	hsa-miR-130b-5p	MS00008610
O23	hsa-miR-133a-3p	MS00031423
O24	hsa-miR-138-1-3p	MS00008652
P01	hsa-miR-138-2-3p	MS00008659
P02	hsa-miR-141-5p	MS00008680
P03	hsa-miR-145-5p	MS00003528
P04	hsa-miR-153-3p	MS00008771
P05	hsa-miR-15b-3p	MS00008799
P06	hsa-miR-181a-3p	MS00006692
P07	hsa-miR-18a-3p	MS00006538
P08	hsa-miR-193a-3p	MS00031542
P09	hsa-miR-193b-5p	MS00008939
P10	hsa-miR-199a-5p	MS00006741
P11	hsa-miR-1304-5p	MS00031395
P12	hsa-miR-19a-5p	MS00008988
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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