

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

Human miRBase Profiler HC Plate 2

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-3402ZE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIHS-3402ZG

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-19b-2-5p	MS00031591
A02	hsa-miR-200a-3p	MS00003738
A03	hsa-miR-1305	MS00031402
A04	hsa-miR-1306-3p	MS00014630
A05	hsa-miR-21-3p	MS00009086
A06	hsa-miR-216a-5p	MS00009100
A07	hsa-miR-216b-5p	MS00009107
A08	hsa-miR-217	MS00003843
A09	hsa-miR-22-5p	MS00009142
A10	hsa-miR-221-3p	MS00003857
A11	hsa-miR-224-5p	MS00003878
A12	hsa-miR-24-1-5p	MS00007588
A13	hsa-miR-24-2-5p	MS00009205
A14	hsa-miR-25-5p	MS00009212
A15	hsa-miR-27a-5p	MS00009240
A16	hsa-miR-29a-5p	MS00009282
A17	hsa-miR-29b-1-5p	MS00009289
A18	hsa-miR-29b-2-5p	MS00009296
A19	hsa-miR-29c-5p	MS00009303
A20	hsa-miR-302a-5p	MS00009338
A21	hsa-miR-302d-5p	MS00009345
A22	hsa-miR-30a-3p	MS00009352
A23	hsa-miR-30c-1-3p	MS00009373
A24	hsa-miR-30c-2-3p	MS00009380
B01	hsa-miR-30e-3p	MS00009408
B02	hsa-miR-31-5p	MS00003290
B03	hsa-miR-324-3p	MS00007672
B04	hsa-miR-326	MS00003948
B05	hsa-miR-328-3p	MS00031731
B06	hsa-miR-33b-5p	MS00007819
B07	hsa-miR-139-3p	MS00008666
B08	hsa-miR-1307-3p	MS00016394
B09	hsa-miR-367-5p	MS00031808
B10	hsa-miR-374b-3p	MS00009625
B11	hsa-miR-381-3p	MS00004116
B12	hsa-miR-409-3p	MS00006895
B13	hsa-miR-409-5p	MS00006902
B14	hsa-miR-411-3p	MS00009674
B15	hsa-miR-424-3p	MS00009688
B16	hsa-miR-425-3p	MS00006916
B17	hsa-miR-431-3p	MS00009702
B18	hsa-miR-451a	MS00004242
B19	hsa-miR-483-3p	MS00009751
B20	hsa-miR-486-3p	MS00031892
B21	hsa-miR-490-3p	MS00004319
B22	hsa-miR-509-3-5p	MS00009877
B23	hsa-miR-509-5p	MS00009891
B24	hsa-miR-516b-5p	MS00007749
C01	hsa-miR-518f-3p	MS00007735
C02	hsa-miR-9-3p	MS00006510
C03	hsa-miR-92a-1-5p	MS00032130
C04	hsa-miR-92a-2-5p	MS00032137
C05	hsa-miR-93-3p	MS00010815
C06	hsa-miR-337-5p	MS00031752
C07	hsa-miR-99b-5p	MS00032165
C08	hsa-miR-129-1-3p	MS00008589
C09	hsa-miR-136-3p	MS00008645
C10	hsa-miR-145-3p	MS00008708
C11	hsa-miR-146b-3p	MS00008722
C12	hsa-miR-1908-5p	MS00016527
C13	hsa-miR-191-3p	MS00031528
C14	hsa-miR-200b-5p	MS00009023
C15	hsa-miR-202-5p	MS00009044
C16	hsa-miR-20a-3p	MS00009065

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	hsa-miR-219a-1-3p	MS00009128
C18	hsa-miR-221-5p	MS00009170
C19	hsa-miR-297	MS00031675
C20	hsa-miR-299-5p	MS00006790
C21	hsa-miR-300	MS00031689
C22	hsa-miR-302b-5p	MS00007644
C23	hsa-miR-30b-3p	MS00009359
C24	hsa-miR-320b	MS00031703
D01	hsa-miR-320d	MS00031710
D02	hsa-miR-323a-5p	MS00031717
D03	hsa-miR-340-3p	MS00004004
D04	hsa-miR-34b-3p	MS00008190
D05	hsa-miR-34b-5p	MS00031780
D06	hsa-miR-1321	MS00014644
D07	hsa-miR-363-5p	MS00006839
D08	hsa-miR-373-5p	MS00031822
D09	hsa-miR-376a-5p	MS00009632
D10	hsa-miR-377-5p	MS00009639
D11	hsa-miR-378a-5p	MS00009646
D12	hsa-miR-380-5p	MS00006888
D13	hsa-miR-432-3p	MS00006930
D14	hsa-miR-449b-5p	MS00004235
D15	hsa-miR-452-3p	MS00009730
D16	hsa-miR-454-5p	MS00006958
D17	hsa-miR-485-5p	MS00006972
D18	hsa-miR-488-5p	MS00009779
D19	hsa-miR-510-5p	MS00009898
D20	hsa-miR-513a-3p	MS00009905
D21	hsa-miR-513b-5p	MS00009919
D22	hsa-miR-513c-5p	MS00009926
D23	hsa-miR-1299	MS00014581
D24	hsa-miR-519d-3p	MS00004508
E01	hsa-miR-519e-3p	MS00010017
E02	hsa-miR-342-5p	MS00009520
E03	hsa-miR-423-5p	MS00009681
E04	hsa-miR-526b-3p	MS00031976
E05	hsa-miR-539-5p	MS00004578
E06	hsa-miR-491-3p	MS00009793
E07	hsa-miR-1301-3p	MS00031381
E08	hsa-miR-561-3p	MS00010192
E09	hsa-miR-570-3p	MS00007791
E10	hsa-miR-628-5p	MS00010388
E11	hsa-miR-574-3p	MS00032025
E12	hsa-miR-875-5p	MS00010626
E13	hsa-miR-1302	MS00014602
E14	hsa-miR-1322	MS00031416
E15	hsa-miR-1278	MS00014441
E16	hsa-miR-1279	MS00014448
E17	hsa-miR-1280	MS00020321
E18	hsa-miR-1281	MS00014455
E19	hsa-miR-1282	MS00014462
E20	hsa-miR-1283	MS00031353
E21	hsa-miR-1284	MS00031360
E22	hsa-miR-1323	MS00014658
E23	hsa-miR-1285-3p	MS00031367
E24	hsa-miR-1286	MS00014490
F01	hsa-miR-1287-5p	MS00014497
F02	hsa-miR-1288-3p	MS00014504
F03	hsa-miR-1303	MS00031388
F04	hsa-miR-708-5p	MS00010521
F05	hsa-miR-708-3p	MS00010528
F06	hsa-miR-1289	MS00014511
F07	hsa-miR-1228-5p	MS00016387
F08	hsa-miR-1290	MS00014518
F09	hsa-miR-99b-3p	MS00032172
F10	hsa-miR-1178-3p	MS00014077
F11	hsa-miR-1179	MS00014084
F12	hsa-miR-1180-3p	MS00031276
F13	hsa-miR-1182	MS00014098
F14	hsa-miR-1183	MS00014105
F15	hsa-miR-1184	MS00031283
F16	hsa-miR-1185-5p	MS00014119

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	hsa-miR-1203	MS00014154
F18	hsa-miR-1204	MS00014161
F19	hsa-miR-1205	MS00014168
F20	hsa-miR-1206	MS00014175
F21	hsa-miR-1207-3p	MS00014182
F22	hsa-miR-1207-5p	MS00014189
F23	hsa-miR-1208	MS00014196
F24	hsa-miR-1224-3p	MS00008435
G01	hsa-miR-1224-5p	MS00008442
G02	hsa-miR-1226-3p	MS00008463
G03	hsa-miR-132-5p	MS00031409
G04	hsa-miR-135b-3p	MS00031444
G05	hsa-miR-143-5p	MS00008687
G06	hsa-miR-185-3p	MS00008876
G07	hsa-miR-186-3p	MS00008883
G08	hsa-miR-205-3p	MS00016793
G09	hsa-miR-222-5p	MS00009177
G10	hsa-miR-224-3p	MS00031626
G11	hsa-miR-31-3p	MS00009415
G12	hsa-miR-379-3p	MS00009660
G13	hsa-miR-450b-3p	MS00009709
G14	hsa-miR-491-5p	MS00031899
G15	hsa-miR-541-3p	MS00031983
G16	hsa-miR-541-5p	MS00010066
G17	hsa-miR-548e-3p	MS00014735
G18	hsa-miR-548h-5p	MS00014756
G19	hsa-miR-548i	MS00014763
G20	hsa-miR-548j-5p	MS00014770
G21	hsa-miR-548k	MS00014777
G22	hsa-miR-548l	MS00014784
G23	hsa-miR-548m	MS00031990
G24	hsa-miR-548o-3p	MS00014805
H01	hsa-miR-573	MS00004781
H02	hsa-miR-577	MS00004809
H03	hsa-miR-593-3p	MS00010276
H04	hsa-miR-1324	MS00014665
H05	hsa-miR-609	MS00005026
H06	hsa-miR-627-5p	MS00010381
H07	hsa-miR-629-3p	MS00005166
H08	hsa-miR-653-5p	MS00010458
H09	hsa-miR-654-3p	MS00032088
H10	hsa-miR-664a-3p	MS00014819
H11	hsa-miR-675-5p	MS00032102
H12	hsa-miR-675-3p	MS00032109
H13	hsa-miR-720	MS00014833
H14	hsa-miR-767-3p	MS00007175
H15	hsa-miR-1291	MS00014525
H16	hsa-miR-1468-5p	MS00016562
H17	hsa-miR-876-3p	MS00010633
H18	hsa-miR-888-5p	MS00010696
H19	hsa-miR-888-3p	MS00010703
H20	hsa-miR-889-3p	MS00010710
H21	hsa-miR-891a-5p	MS00010724
H22	hsa-miR-891b	MS00010731
H23	hsa-miR-920	MS00010759
H24	hsa-miR-922	MS00010773
I01	hsa-miR-92b-5p	MS00016408
I02	hsa-miR-936	MS00032151
I03	hsa-miR-1294	MS00014546
I04	hsa-miR-1295a	MS00014553
I05	hsa-miR-1296-5p	MS00014560
I06	hsa-miR-1297	MS00031374
I07	hsa-miR-943	MS00010892
I08	hsa-miR-1298-5p	MS00014574
I09	hsa-miR-96-3p	MS00010913
I10	hsa-miR-103a-2-5p	MS00016765
I11	hsa-miR-105-3p	MS00008386
I12	hsa-miR-106a-3p	MS00008393
I13	hsa-miR-1197	MS00014126
I14	hsa-miR-122-3p	MS00008428
I15	hsa-miR-1227-3p	MS00008477
I16	hsa-miR-1231	MS00031290

Position	Mature miRNA ID	miScript Primer Assay Catalog #
I17	hsa-miR-1233-3p	MS00008512
I18	hsa-miR-1236-3p	MS00008526
I19	hsa-miR-1237-3p	MS00008533
I20	hsa-miR-1238-3p	MS00031297
I21	hsa-miR-124-5p	MS00008547
I22	hsa-miR-1243	MS00014203
I23	hsa-miR-1244	MS00031304
I24	hsa-miR-1245a	MS00014217
J01	hsa-miR-1247-5p	MS00031311
J02	hsa-miR-1249	MS00014245
J03	hsa-miR-1250-5p	MS00014252
J04	hsa-miR-1251-5p	MS00014259
J05	hsa-miR-1252-5p	MS00031318
J06	hsa-miR-1253	MS00014273
J07	hsa-miR-144-5p	MS00008701
J08	hsa-miR-146a-3p	MS00008715
J09	hsa-miR-1471	MS00016499
J10	hsa-miR-148a-5p	MS00008736
J11	hsa-miR-148b-5p	MS00008743
J12	hsa-miR-154-3p	MS00031479
J13	hsa-miR-155-3p	MS00008778
J14	hsa-miR-1537-3p	MS00016471
J15	hsa-miR-18b-3p	MS00008904
J16	hsa-miR-192-3p	MS00008925
J17	hsa-miR-194-3p	MS00031556
J18	hsa-miR-195-3p	MS00008953
J19	hsa-miR-196b-3p	MS00031577
J20	hsa-miR-20b-3p	MS00009072
J21	hsa-miR-218-1-3p	MS00031612
J22	hsa-miR-218-2-3p	MS00031619
J23	hsa-miR-223-5p	MS00009184
J24	hsa-miR-23a-5p	MS00031640
K01	hsa-miR-23b-5p	MS00031654
K02	hsa-miR-26a-1-3p	MS00009219
K03	hsa-miR-26a-2-3p	MS00031661
K04	hsa-miR-32-3p	MS00021063
K05	hsa-miR-335-3p	MS00009464
K06	hsa-miR-33a-3p	MS00009492
K07	hsa-miR-34a-3p	MS00009534
K08	hsa-miR-374a-3p	MS00009611
K09	hsa-miR-449b-3p	MS00031864
K10	hsa-miR-497-3p	MS00031906
K11	hsa-miR-499a-3p	MS00031913
K12	hsa-miR-499a-5p	MS00004375
K13	hsa-miR-505-5p	MS00009849
K14	hsa-miR-545-5p	MS00010101
K15	hsa-miR-548g-3p	MS00014749
K16	hsa-miR-548n	MS00014798
K17	hsa-miR-556-3p	MS00032004
K18	hsa-miR-569	MS00010206
K19	hsa-miR-596	MS00016359
K20	hsa-miR-1538	MS00031465
K21	hsa-miR-599	MS00010297
K22	hsa-miR-601	MS00004970
K23	hsa-miR-606	MS00005005
K24	hsa-miR-615-5p	MS00010332
L01	hsa-miR-620	MS00010353
L02	hsa-miR-625-3p	MS00032046
L03	hsa-miR-631	MS00032053
L04	hsa-miR-634	MS00005201
L05	hsa-miR-1539	MS00031472
L06	hsa-miR-655-3p	MS00010472
L07	hsa-miR-656-3p	MS00005355
L08	hsa-miR-661	MS00005390
L09	hsa-miR-664a-5p	MS00014826
L10	hsa-miR-7-1-3p	MS00010535
L11	hsa-miR-7-2-3p	MS00010542
L12	hsa-miR-1825	MS00014672
L13	hsa-miR-892a	MS00010738
L14	hsa-miR-99a-3p	MS00010920
L15	hsa-miR-1255a	MS00014287
L16	hsa-miR-1256	MS00031325

Position	Mature miRNA ID	miScript Primer Assay Catalog #
L17	hsa-miR-1257	MS00014308
L18	hsa-miR-1258	MS00014315
L19	hsa-miR-1260a	MS00014329
L20	hsa-miR-1262	MS00014343
L21	hsa-miR-1263	MS00014350
L22	hsa-miR-1264	MS00014357
L23	hsa-miR-1265	MS00014364
L24	hsa-miR-1266-5p	MS00014371
M01	hsa-miR-1267	MS00014378
M02	hsa-miR-1269a	MS00014385
M03	hsa-miR-1270	MS00014392
M04	hsa-miR-1271-5p	MS00014399
M05	hsa-miR-1272	MS00031332
M06	hsa-miR-1273a	MS00031339
M07	hsa-miR-1276	MS00014434
M08	hsa-miR-1277-3p	MS00031346
M09	hsa-miR-544b	MS00021721
M10	hsa-miR-3193	MS00021014
M11	hsa-miR-592	MS00004914
M12	hsa-miR-3159	MS00020741
M13	hsa-miR-2115-5p	MS00017248
M14	hsa-miR-302d-3p	MS00003920
M15	hsa-miR-548u	MS00021742
M16	hsa-miR-3190-3p	MS00037828
M17	hsa-miR-765	MS00021812
M18	hsa-miR-3690	MS00023450
M19	hsa-miR-200c-5p	MS00009030
M20	hsa-miR-3150a-3p	MS00020678
M21	hsa-miR-3153	MS00020699
M22	hsa-miR-4278	MS00021315
M23	hsa-miR-3151-5p	MS00031696
M24	hsa-miR-3157-5p	MS00020727
N01	hsa-miR-3148	MS00020664
N02	hsa-miR-4317	MS00021588
N03	hsa-miR-3133	MS00020552
N04	hsa-miR-3136-5p	MS00020573
N05	hsa-miR-516a-5p	MS00009940
N06	hsa-miR-3614-3p	MS00022995
N07	hsa-miR-323b-5p	MS00021105
N08	hsa-miR-3131	MS00020538
N09	hsa-miR-4297	MS00021448
N10	hsa-miR-548b-5p	MS00010115
N11	hsa-miR-3129-5p	MS00020517
N12	hsa-miR-3191-3p	MS00021000
N13	hsa-miR-183-3p	MS00008869
N14	hsa-miR-3916	MS00023562
N15	hsa-miR-19b-1-5p	MS00008995
N16	hsa-miR-2114-5p	MS00017234
N17	hsa-miR-181a-2-3p	MS00008834
N18	hsa-miR-4298	MS00021455
N19	hsa-miR-367-3p	MS00009583
N20	hsa-miR-3924	MS00031843
N21	hsa-miR-3655	MS00023149
N22	hsa-miR-3152-3p	MS00020692
N23	hsa-miR-3144-5p	MS00020636
N24	hsa-miR-500a-5p	MS00023751
O01	hsa-miR-3673	MS00023275
O02	hsa-miR-3180-3p	MS00020888
O03	hsa-miR-3145-3p	MS00020643
O04	hsa-miR-3657	MS00023156
O05	hsa-miR-3941	MS00023702
O06	hsa-miR-4264	MS00021217
O07	hsa-miR-3923	MS00023611
O08	hsa-miR-548t-5p	MS00021735
O09	hsa-miR-4271	MS00021266
O10	hsa-miR-4318	MS00021595
O11	hsa-miR-3116	MS00020419
O12	hsa-miR-10a-3p	MS00008407
O13	hsa-miR-3065-3p	MS00020391
O14	hsa-miR-874-3p	MS00021819
O15	hsa-miR-552-3p	MS00010164
O16	hsa-miR-196a-3p	MS00008960

Position	Mature miRNA ID	miScript Primer Assay Catalog #
O17	hsa-miR-15a-3p	MS00008785
O18	hsa-miR-3141	MS00020608
O19	hsa-miR-3179	MS00020881
O20	hsa-miR-30d-3p	MS00009394
O21	hsa-miR-493-5p	MS00009800
O22	hsa-miR-1976	MS00016751
O23	hsa-miR-4274	MS00021287
O24	hsa-miR-3165	MS00020783
P01	hsa-miR-4308	MS00021525
P02	hsa-miR-520a-3p	MS00004522
P03	hsa-miR-3160-3p	MS00020748
P04	hsa-miR-4316	MS00021581
P05	hsa-miR-3144-3p	MS00020629
P06	hsa-miR-3138	MS00020587
P07	hsa-miR-136-5p	MS00003479
P08	hsa-miR-509-3p	MS00009884
P09	hsa-miR-589-3p	MS00010262
P10	hsa-miR-3910	MS00023520
P11	hsa-miR-548q	MS00017311
P12	hsa-miR-2278	MS00017290
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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