

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

Human miRBase Profiler HC Plate 5

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-3405ZE
G	Roche® LightCycler® 480 (384-well block)	384 well	331223 MIHS-3405ZG

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-4649-3p	MS00040502
A02	hsa-miR-5582-5p	MS00038304
A03	hsa-miR-3196	MS00041881
A04	hsa-miR-5701	MS00038003
A05	hsa-miR-219b-3p	MS00042133
A06	hsa-miR-4667-5p	MS00040278
A07	hsa-miR-4736	MS00039606
A08	hsa-miR-5571-5p	MS00038360
A09	hsa-miR-5089-5p	MS00038717
A10	hsa-miR-5681b	MS00038143
A11	hsa-miR-4540	MS00040656
A12	hsa-miR-4639-3p	MS00040600
A13	hsa-miR-520d-5p	MS00033866
A14	hsa-miR-526a	MS00037422
A15	hsa-miR-5682	MS00038136
A16	hsa-miR-371b-5p	MS00041650
A17	hsa-miR-4534	MS00040691
A18	hsa-miR-548a-3p	MS00033887
A19	hsa-miR-4527	MS00040747
A20	hsa-miR-5580-3p	MS00038339
A21	hsa-miR-557	MS00038374
A22	hsa-miR-548a1	MS00038486
A23	hsa-miR-4449	MS00041216
A24	hsa-miR-4724-5p	MS00039725
B01	hsa-miR-4533	MS00040698
B02	hsa-miR-1469	MS00037800
B03	hsa-miR-4520b-5p	MS00042462
B04	hsa-miR-3610	MS00037499
B05	hsa-miR-5008-5p	MS00038787
B06	hsa-miR-4681	MS00040159
B07	hsa-miR-4695-3p	MS00040040
B08	hsa-miR-4746-3p	MS00039515
B09	hsa-miR-3619-5p	MS00041797
B10	hsa-miR-4436b-3p	MS00041321
B11	hsa-miR-4748	MS00039487
B12	hsa-miR-4693-5p	MS00040061
B13	hsa-miR-4750-5p	MS00039466
B14	hsa-miR-5091	MS00038703
B15	hsa-miR-3646	MS00037541
B16	hsa-miR-760	MS00037331
B17	hsa-miR-494-3p	MS00033754
B18	hsa-miR-4650-5p	MS00040481
B19	hsa-miR-4445-5p	MS00041251
B20	hsa-miR-4757-3p	MS00039396
B21	hsa-miR-5703	MS00037989
B22	hsa-miR-4474-3p	MS00041083
B23	hsa-miR-4479	MS00041034
B24	hsa-miR-5586-5p	MS00038248
C01	hsa-miR-4733-3p	MS00039641
C02	hsa-miR-548a1-3p	MS00038423
C03	hsa-miR-3150a-5p	MS00042028
C04	hsa-miR-5692c	MS00042455
C05	hsa-miR-4773	MS00039235
C06	hsa-miR-4677-3p	MS00040201
C07	hsa-miR-4432	MS00041363
C08	hsa-miR-4718	MS00039795
C09	hsa-miR-1285-5p	MS00042301
C10	hsa-miR-4728-3p	MS00039676
C11	hsa-miR-1306-5p	MS00042273
C12	hsa-miR-499b-5p	MS00038892
C13	hsa-miR-3940-5p	MS00041566
C14	hsa-miR-5681a	MS00038150
C15	hsa-miR-4682	MS00040152
C16	hsa-miR-4746-5p	MS00039508

Position	Mature miRNA ID	miScript Primer Assay Catalog #
C17	hsa-miR-5583-5p	MS00038290
C18	hsa-miR-3676-5p	MS00041734
C19	hsa-miR-3180	MS00041965
C20	hsa-miR-3911	MS00037485
C21	hsa-miR-4505	MS00037611
C22	hsa-miR-3689d	MS00041685
C23	hsa-miR-3691-3p	MS00041671
C24	hsa-miR-4727-5p	MS00039683
D01	hsa-miR-4444	MS00041265
D02	hsa-miR-3120-5p	MS00042091
D03	hsa-miR-5689	MS00038094
D04	hsa-miR-4722-5p	MS00039753
D05	hsa-miR-4446-3p	MS00041244
D06	hsa-miR-3978	MS00041510
D07	hsa-miR-4712-3p	MS00039879
D08	hsa-miR-4776-3p	MS00039207
D09	hsa-miR-4423-5p	MS00041412
D10	hsa-miR-4633-3p	MS00040642
D11	hsa-miR-3190-5p	MS00042469
D12	hsa-miR-5090	MS00038710
D13	hsa-miR-5584-5p	MS00038276
D14	hsa-miR-5195-5p	MS00038570
D15	hsa-miR-5583-3p	MS00038297
D16	hsa-miR-5088-5p	MS00038724
D17	hsa-miR-520f-3p	MS00033859
D18	hsa-miR-603	MS00037933
D19	hsa-miR-4776-5p	MS00039200
D20	hsa-miR-3180-5p	MS00041958
D21	hsa-miR-4520b-3p	MS00040803
D22	hsa-miR-4779	MS00039165
D23	hsa-miR-4516	MS00037555
D24	hsa-miR-4525	MS00040761
E01	hsa-miR-4530	MS00040719
E02	hsa-miR-5688	MS00038101
E03	hsa-miR-5008-3p	MS00038794
E04	hsa-miR-3929	MS00041587
E05	hsa-miR-4742-3p	MS00039550
E06	hsa-miR-4684-5p	MS00040131
E07	hsa-miR-4791	MS00039067
E08	hsa-miR-5699-3p	MS00038017
E09	hsa-miR-4775	MS00039214
E10	hsa-miR-3136-3p	MS00042049
E11	hsa-miR-4701-3p	MS00039970
E12	hsa-miR-3194-3p	MS00041888
E13	hsa-miR-3184-3p	MS00041944
E14	hsa-miR-548at-5p	MS00038416
E15	hsa-miR-4439	MS00041293
E16	hsa-miR-3975	MS00041531
E17	hsa-miR-3925-3p	MS00041601
E18	hsa-miR-4738-3p	MS00039592
E19	hsa-miR-503-5p	MS00033838
E20	hsa-miR-550a-5p	MS00042448
E21	hsa-miR-3973	MS00041545
E22	hsa-miR-4454	MS00037597
E23	hsa-miR-4468	MS00041111
E24	hsa-miR-4708-3p	MS00037807
F01	hsa-miR-3913-3p	MS00041615
F02	hsa-miR-1269b	MS00042329
F03	hsa-miR-5187-5p	MS00038633
F04	hsa-miR-4753-5p	MS00039438
F05	hsa-miR-320c	MS00041867
F06	hsa-miR-3156-3p	MS00042007
F07	hsa-miR-4691-3p	MS00040089
F08	hsa-miR-5003-5p	MS00038843
F09	hsa-miR-4513	MS00040852
F10	hsa-miR-198	MS00033824
F11	hsa-miR-3187-5p	MS00041930
F12	hsa-miR-4798-5p	MS00038990
F13	hsa-miR-3622b-5p	MS00041769
F14	hsa-miR-762	MS00037695
F15	hsa-miR-4756-5p	MS00039403
F16	hsa-miR-4529-5p	MS00040726

Position	Mature miRNA ID	miScript Primer Assay Catalog #
F17	hsa-miR-4457	MS00041167
F18	hsa-miR-5010-5p	MS00038759
F19	hsa-miR-548as-3p	MS00038437
F20	hsa-miR-4420	MS00041433
F21	hsa-miR-1275	MS00037786
F22	hsa-miR-5190	MS00038605
F23	hsa-miR-4489	MS00040992
F24	hsa-miR-4662b	MS00040341
G01	hsa-miR-4725-5p	MS00039711
G02	hsa-miR-5000-3p	MS00038885
G03	hsa-miR-4739	MS00039578
G04	hsa-miR-4433-5p	MS00041349
G05	hsa-miR-5095	MS00037625
G06	hsa-miR-4473	MS00041090
G07	hsa-miR-3609	MS00041825
G08	hsa-miR-4529-3p	MS00040733
G09	hsa-miR-4503	MS00040915
G10	hsa-miR-4509	MS00040887
G11	hsa-miR-3936	MS00041580
G12	hsa-miR-4435	MS00041335
G13	hsa-miR-4726-3p	MS00039704
G14	hsa-miR-4642	MS00040565
G15	hsa-miR-3529-3p	MS00041853
G16	hsa-miR-4700-3p	MS00039984
G17	hsa-miR-4705	MS00039928
G18	hsa-miR-4490	MS00040985
G19	hsa-miR-3189-5p	MS00041909
G20	hsa-miR-5002-5p	MS00038857
G21	hsa-miR-4653-3p	MS00040460
G22	hsa-miR-4685-5p	MS00040117
G23	hsa-miR-518c-5p	MS00038612
G24	hsa-miR-548k	MS00042434
H01	hsa-miR-4703-5p	MS00039949
H02	hsa-miR-4747-3p	MS00039501
H03	hsa-miR-4728-5p	MS00039669
H04	hsa-miR-3145-5p	MS00042035
H05	hsa-miR-4706	MS00037744
H06	hsa-miR-660-3p	MS00037891
H07	hsa-miR-636	MS00033901
H08	hsa-miR-4494	MS00040964
H09	hsa-miR-33b-3p	MS00037436
H10	hsa-miR-523-5p	MS00037429
H11	hsa-miR-4797-5p	MS00039004
H12	hsa-miR-664b-3p	MS00037877
H13	hsa-miR-602	MS00037940
H14	hsa-miR-4999-3p	MS00038913
H15	hsa-miR-3692-5p	MS00041664
H16	hsa-miR-5585-3p	MS00038269
H17	hsa-miR-548au-3p	MS00038409
H18	hsa-miR-4694-5p	MS00040047
H19	hsa-miR-3129-3p	MS00042056
H20	hsa-miR-4756-3p	MS00039410
H21	hsa-miR-5685	MS00038122
H22	hsa-miR-3620-3p	MS00041790
H23	hsa-miR-4713-3p	MS00039865
H24	hsa-miR-4778-3p	MS00039179
I01	hsa-miR-4685-3p	MS00040124
I02	hsa-miR-3591-3p	MS00041839
I03	hsa-miR-4673	MS00040229
I04	hsa-miR-4768-3p	MS00039284
I05	hsa-miR-3064-3p	MS00042119
I06	hsa-miR-450b-5p	MS00033831
I07	hsa-miR-548ar-5p	MS00038444
I08	hsa-miR-548j-5p	MS00042427
I09	hsa-miR-4418	MS00041454
I10	hsa-miR-5692a	MS00038073
I11	hsa-miR-5692c	MS00038066
I12	hsa-miR-2277-5p	MS00042189
I13	hsa-miR-4699-3p	MS00039998
I14	hsa-miR-4434	MS00041342
I15	hsa-miR-4755-3p	MS00039424
I16	hsa-miR-4645-5p	MS00040537

Position	Mature miRNA ID	miScript Primer Assay Catalog #
I17	hsa-miR-212-5p	MS00042203
I18	hsa-miR-5705	MS00037975
I19	hsa-miR-4428	MS00041384
I20	hsa-miR-5010-3p	MS00038766
I21	hsa-miR-3614-5p	MS00041818
I22	hsa-miR-4438	MS00041300
I23	hsa-miR-4793-5p	MS00039053
I24	hsa-miR-2277-3p	MS00042196
J01	hsa-miR-5001-3p	MS00038871
J02	hsa-miR-4793-3p	MS00039060
J03	hsa-miR-4709-5p	MS00039907
J04	hsa-miR-4738-5p	MS00039585
J05	hsa-miR-4753-3p	MS00039445
J06	hsa-miR-4650-3p	MS00040488
J07	hsa-miR-4783-5p	MS00039123
J08	hsa-miR-371b-3p	MS00041657
J09	hsa-miR-642a-3p	MS00037919
J10	hsa-miR-3140-5p	MS00042042
J11	hsa-miR-5582-3p	MS00038311
J12	hsa-miR-570-5p	MS00042420
J13	hsa-miR-3663-5p	MS00041748
J14	hsa-miR-4519	MS00040824
J15	hsa-miR-3197	MS00041874
J16	hsa-miR-4425	MS00041398
J17	hsa-miR-4794	MS00039046
J18	hsa-miR-4763-5p	MS00039326
J19	hsa-miR-4801	MS00038955
J20	hsa-miR-4757-5p	MS00039389
J21	hsa-miR-1254	MS00042350
J22	hsa-miR-659-5p	MS00037898
J23	hsa-miR-5695	MS00038045
J24	hsa-miR-378d	MS00041636
K01	hsa-miR-1271-3p	MS00042322
K02	hsa-miR-204-3p	MS00037821
K03	hsa-miR-4450	MS00041209
K04	hsa-miR-4504	MS00040908
K05	hsa-miR-5189-5p	MS00038619
K06	hsa-miR-548ac	MS00038528
K07	hsa-miR-4419b	MS00041440
K08	hsa-miR-548ab	MS00038535
K09	hsa-miR-3615	MS00041811
K10	hsa-miR-4789-3p	MS00039095
K11	hsa-miR-4677-5p	MS00040194
K12	hsa-miR-4797-3p	MS00039011
K13	hsa-miR-940	MS00037688
K14	hsa-miR-4778-5p	MS00039172
K15	hsa-miR-3922-5p	MS00041608
K16	hsa-miR-521	MS00033873
K17	hsa-miR-4670-5p	MS00040250
K18	hsa-miR-4647	MS00040516
K19	hsa-miR-4281	MS00041482
K20	hsa-miR-1255b-2-3p	MS00042343
K21	hsa-miR-4663	MS00040334
K22	hsa-miR-4662a-5p	MS00040348
K23	hsa-miR-4654	MS00040446
K24	hsa-miR-548ao-3p	MS00038472
L01	hsa-miR-4713-5p	MS00039858
L02	hsa-miR-1225-3p	MS00037653
L03	hsa-miR-4690-3p	MS00040103
L04	hsa-miR-5589-3p	MS00038213
L05	hsa-miR-3689c	MS00023443
L06	hsa-miR-4796-5p	MS00039018
L07	hsa-miR-2682-5p	MS00042147
L08	hsa-miR-4764-3p	MS00039319
L09	hsa-miR-4445-3p	MS00041258
L10	hsa-miR-4711-3p	MS00039893
L11	hsa-miR-1245b-3p	MS00042371
L12	hsa-miR-572	MS00037415
L13	hsa-miR-4696	MS00040026
L14	hsa-miR-5581-5p	MS00038318
L15	hsa-miR-4465	MS00041125
L16	hsa-miR-4796-3p	MS00039025

Position	Mature miRNA ID	miScript Primer Assay Catalog #
L17	hsa-miR-323a-3p	MS00037219
L18	hsa-miR-5007-3p	MS00038808
L19	hsa-miR-5588-3p	MS00038227
L20	hsa-miR-3150b-5p	MS00042021
L21	hsa-miR-3157-3p	MS00042000
L22	hsa-miR-4643	MS00040558
L23	hsa-miR-4761-5p	MS00039347
L24	hsa-miR-4758-3p	MS00039382
M01	hsa-miR-4720-3p	MS00039781
M02	hsa-miR-548ax	MS00038395
M03	hsa-miR-4704-5p	MS00039935
M04	hsa-miR-3972	MS00037709
M05	hsa-miR-5011-3p	MS00038752
M06	hsa-miR-4716-3p	MS00039823
M07	hsa-miR-4723-3p	MS00039746
M08	hsa-miR-4658	MS00040411
M09	hsa-miR-4790-5p	MS00039074
M10	hsa-miR-4496	MS00040950
M11	hsa-miR-4768-5p	MS00039277
M12	hsa-miR-5002-3p	MS00038864
M13	hsa-miR-5188	MS00038626
M14	hsa-miR-548ag	MS00038514
M15	hsa-miR-4320	MS00041475
M16	hsa-miR-4769-3p	MS00039270
M17	hsa-miR-3187-3p	MS00041937
M18	hsa-miR-4680-3p	MS00040173
M19	hsa-miR-4772-5p	MS00039242
M20	hsa-miR-584-3p	MS00037947
M21	hsa-let-7a-2-3p	MS00037205
M22	hsa-miR-3944-5p	MS00041552
M23	hsa-miR-302c-5p	MS00037212
M24	hsa-miR-4638-5p	MS00040607
N01	hsa-miR-4742-5p	MS00039543
N02	hsa-miR-3663-3p	MS00037793
N03	hsa-miR-4659a-3p	MS00040404
N04	hsa-miR-4699-5p	MS00039991
N05	hsa-miR-5009-5p	MS00038773
N06	hsa-miR-5591-3p	MS00038185
N07	hsa-miR-1229-3p	MS00042378
N08	hsa-miR-4524a-3p	MS00037646
N09	hsa-miR-4798-3p	MS00038997
N10	hsa-miR-3974	MS00041538
N11	hsa-miR-3127-3p	MS00042063
N12	hsa-miR-3178	MS00037814
N13	hsa-miR-5584-3p	MS00038283
N14	hsa-miR-151a-5p	MS00037513
N15	hsa-miR-3928-3p	MS00041594
N16	hsa-miR-4512	MS00040859
N17	hsa-miR-4495	MS00040957
N18	hsa-miR-5586-3p	MS00038255
N19	hsa-miR-378i	MS00037667
N20	hsa-miR-378h	MS00037604
N21	hsa-miR-548ad	MS00037779
N22	hsa-miR-4724-3p	MS00039732
N23	hsa-miR-4741	MS00039557
N24	hsa-miR-4662a-3p	MS00040355
O01	hsa-miR-4637	MS00040621
O02	hsa-miR-4660	MS00040376
O03	hsa-miR-4493	MS00040971
O04	hsa-miR-4734	MS00039627
O05	hsa-miR-4730	MS00039655
O06	hsa-miR-4698	MS00040005
O07	hsa-miR-4657	MS00040418
O08	hsa-miR-4532	MS00040705
O09	hsa-miR-4632-3p	MS00040649
O10	hsa-miR-4664-5p	MS00040320
O11	hsa-miR-5003-3p	MS00038850
O12	hsa-miR-365a-5p	MS00041762
O13	hsa-miR-5579-5p	MS00038346
O14	hsa-miR-1200	MS00042392
O15	hsa-miR-4760-5p	MS00039361
O16	hsa-miR-5585-5p	MS00038262

Position	Mature miRNA ID	miScript Primer Assay Catalog #
O17	hsa-miR-5589-5p	MS00038206
O18	hsa-miR-4762-3p	MS00039340
O19	hsa-miR-550b-2-5p	MS00038381
O20	hsa-miR-4694-3p	MS00040054
O21	hsa-miR-4666a-3p	MS00040306
O22	hsa-miR-5691	MS00038080
O23	hsa-miR-5197-5p	MS00038549
O24	hsa-miR-2392	MS00042182
P01	hsa-miR-548z	MS00042441
P02	hsa-miR-4684-3p	MS00040138
P03	hsa-miR-4688	MS00037681
P04	hsa-miR-4695-5p	MS00040033
P05	hsa-miR-3188	MS00041923
P06	hsa-miR-4507	MS00040894
P07	hsa-miR-4697-5p	MS00040012
P08	hsa-miR-1178-5p	MS00045199
P09	hsa-miR-1229-5p	MS00045206
P10	hsa-miR-1233-5p	MS00045213
P11	hsa-miR-1236-5p	MS00045220
P12	hsa-miR-1237-5p	MS00044562
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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