

Materials List for:

Absolute Quantification of Plasma MicroRNA Levels in Cynomolgus Monkeys, Using Quantitative Real-time Reverse Transcription PCR

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Materials

Name	Company	Catalog Number	Comments
BD Microtainer tube (K2EDTA)	Becton, Dickinson and Company	365974	For blood collection
Eppendorf PCR Tubes, 0.2 mL	Eppendorf	0030124359	
Eppendorf Safe-Lock micro test tubes 1.5 mL	Eppendorf	0030120086	
Eppendorf Safe-Lock micro test tubes 2.0 mL	Eppendorf	0030120094	
Synthetic oligonucleotide	Hokkaido System Science	-	Individual miRNA (0.2 μmol, HPLC grade)
Tris-EDTA Buffer (pH 8.0)	Nippon Gene	314-90021	TE buffer
Buffer RPE	QIAGEN	-	Contents in miRNeasy mini kit
Buffer RWT	QIAGEN	-	Contents in miRNeasy mini kit
miRNeasy Mini Kit	QIAGEN	217004	
Nuclease-Free Water	QIAGEN	129114	
QIAzol Lysis Reagent	QIAGEN	-	Contents in miRNeasy mini kit
Syn-cel-miR-238-3p miScript miRNA Mimic	QIAGEN	219600	ID:MSY0000293, 5 nmol
SC Adapters	TAIGEN Bioscience Corporation	S0120	For RNA extraction
VacEZor 36 Complete System	TAIGEN Bioscience Corporation	M3610	For RNA extraction
7900HT Fast Real-Time PCR System	Thermo Fisher Scientific Inc.	4351405	Fast 96-Well Block
GeneAmp PCR System 9700	Thermo Fisher Scientific Inc.	9700	
MicroAmp Fast Optical 96-Well Reaction Plate	Thermo Fisher Scientific Inc.	4346907	
MicroAmp Optical Adhesive Film	Thermo Fisher Scientific Inc.	4311971	
TaqMan Fast Advanced Master Mix	Thermo Fisher Scientific Inc.	4444557	
TaqMan MicroRNA Assays (cel-miR-238-3p)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 000248
TaqMan MicroRNA Assays (hsa-miR-122-5p)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 002245
TaqMan MicroRNA Assays (hsa-miR-133a-3p)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 002246
TaqMan MicroRNA Assays (hsa-miR-1-3p)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 002222
TaqMan MicroRNA Assays (hsa-miR-192-5p)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 000491
TaqMan MicroRNA Assays (hsa-miR-206)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 000510

TaqMan MicroRNA Assays (hsa-miR-208a-3p)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 000511
TaqMan MicroRNA Assays (hsa-miR-208b-3p)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 002290
TaqMan MicroRNA Assays (hsa-miR-499a-5p)	Thermo Fisher Scientific Inc.	4427975	Assay ID: 001352
TaqMan MicroRNA Reverse Transcription Kit	Thermo Fisher Scientific Inc.	4366597	
TaqMan PreAmp Master Mix (2×)	Thermo Fisher Scientific Inc.	4391128	
Chloroform	Wako Pure Chemicals	035-02616	
Ethanol (99.5)	Wako Pure Chemicals	057-00456	