

Materials List for:

Inducing and Characterizing Vesicular Steatosis in Differentiated HepaRG Cells

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Materials

Name	Company	Catalog Number	Comments
Hyclone HyClone Fetal Clone II	GE Healthcare	SH30066	
William's E medium with GlutaMAX	Thermofisher	32551087	
Penicillin/streptomycin	SIGMA	P4333	
Insulin	SIGMA	I9278	
hydrocortisone hemisuccinate	SIGMA	H2270	
DMSO, dimethyl sulfoxide	SIGMA	D2438	
Sodium Oleate	SIGMA	O7501	
Methanol	SIGMA	179337	
Isopropanol	SIGMA	278475	
BODIPY 505/515	Thermofisher	D3921	
PBS	Thermofisher	14190-250	
Formaldehyde solution	SIGMA	252549	
RNAse free DNaseI	Promega	M198A	
Glass-bottomed dishes	Willco Wells	GWST-5040	
Oil Red solution	SIGMA	O625	
CellTiter 96 AQueous One Solution	Promega	G3582	
q-PCR oligo name	Sequence		
ACACB FOR	CAAGCCGATCACCAAGAGTAAA		
ACACB REV	CCCTGAGTTATCAGAGGCTGG		
b-actin FOR	GCACTCTTCCAGCCTTCCT		
b-actin REV	AGGTCTTTGCGGATGTCCAC		
ALBUMIN FOR	TGCTTGAATGTGCTGATGACAGG		
ALBUMIN REV	AAGGCAAGTCAGCAGGCATCTCATC		
ALDOB FOR	GCATCTGTCAGCAGAATGGA		
ALDOB REV	TAGACAGCAGCCAGGACCTT		
APOB FOR	CCTCCGTTTTGGTGGTAGAG		
APOB REV	CCTAAAAGCTGGGAAGCTGA		
APOC3 FOR	CTCAGCTTCATGCAGGGTTA		
APOC3 REV	GGTGCTCCAGTAGTCTTTCAG		

CPT1A FOR	TCATCAAGAAATGTCGCACG		
CPT1A REV	GCCTCGTATGTGAGGCAAAA		
CYP2E1 FOR	TTGAAGCCTCTCGTTGACCC		
CYP2E1 REV	CGTGGTGGGATACAGCCAA		
CYP3A4 FOR	CTTCATCCAATGGACTGCATAAAT		
CYP3A4 REV	TCCCAAGTATAAACTCTACACAGACAA		
GAPDH FOR	TGACAACCTTTGGTATCGTGGAAGG		
GAPDH REV	AGGGATGATGTTCTGGAGAGCC		
GPAM FOR	TCTTTGGGTTTGCGGAATGTT		
GPAM REV	ATGCACATCTCGCTCTTGAATAA		
IL6 FOR	CCTGAACCTTCCAAAGATGGC		
IL6 REV	ACCTCAAACCTCCAAAAGACCAGTG		
PDK4 FOR	ACAGACAGGAAACCCAAGCCAC		
PDK4 REV	TGGAGGTGAGAAGGAACATACACG		
PLIN2 FOR	TTGCAGTTGCCAATACCTATGC		
PLIN2 REV	CCAGTCACAGTAGTCGTCACA		
PLIN4 FOR	AATGAGTTGGAGGGGCTGGGGGACATC		
PLIN4 REV	GGTCACCTAAACGAACGAAGTAGC		
SCD FOR	TCTAGCTCCTATACCACCACCA		
SCD REV	TCGTCTCCAACCTTATCTCCTCC		
SLC2A1 FOR	TGCTCATCAACCGCAACGAG		
SLC2A1 REV	CCGACTCTCTTCTTCATCTCCTG		
18S FOR	CGCCGCTAGAGGTGAAATTC		
18S REV	TTGGCAAATGCTTTCGCTC		