

Materials List for:

Oct4GiP Reporter Assay to Study Genes that Regulate Mouse Embryonic Stem Cell Maintenance and Self-renewal

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Materials

Name	Company	Catalog Number	Comments
ESGRO complete plus clonal grade medium	EMD Millipore	SF001-500P	
DMEM (High glucose 1X)	Invitrogen	11965	
0.25% Trypsin-EDTA	Invitrogen	25200	
Lipofectamine 2000	Invitrogen	1001817	
OPTI-MEM(reduce serum medium)	Invitrogen	31985	
ESGRO mLIF (10 ⁷ units/1ml)	EMD Millipore	DAM1776540	
MEM NEAA (Non-Essential Amino Acids)	Invitrogen	11140	
100x Nucleosides for ES cell	EMD Millipore	10620-1	
2-mercapt-ethanol	Sigma-Aldrich	M7522-100ml	
ES-qualified fetal bovine serum	Invitrogen	10437	
Nanog siRNA	Invitrogen	MSS231181	
Oct4 siRNA	Dharmacon	D-046256-02	
Sox2 siRNA	Dharmacon	M-058489-01	
Control siRNA: siRNA duplex targeting firefly luciferase (5'-CGTACGCGGAATACTTCGA) synthesized by Dharmcon.			