

Materials List for:

# From MEFs to Matrigel 2: Splitting hESCs from MEFs onto Matrigel

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## Materials

Name	Type	Company	Catalog Number	Comments
Knockout Serum Replacer (KSR)	Reagent	GIBCO, by Life Technologies	10828-028	
DMEM/F12	Reagent	GIBCO, by Life Technologies	11330-057	
Non-essential Amino Acids	Reagent	GIBCO, by Life Technologies	11140-050	
GlutaMax	Reagent	GIBCO, by Life Technologies	35050-061	
DMEM	Reagent	GIBCO, by Life Technologies	11995-065	
FBS	Reagent	Clontech Laboratories	631107	
L-glutamine	Reagent	GIBCO, by Life Technologies	25030-081	
BME	Reagent	Fisher Scientific	BP176-100	
bFGF	Reagent	R&D Systems	233-FB-025	
Collagenase IV	Reagent	GIBCO, by Life Technologies	17104-019	
Dispase	Reagent	Stem Cell Technologies	17105-041	
Penicillin / Streptomycin	Reagent	GIBCO, by Life Technologies	15140-122	
Gelatin	Reagent	Chemicon International	ES-006-B	
Matrigel	Reagent	BD Biosciences	354277	
Oct-4 antibody	Reagent	Santa Cruz Biotechnology, Inc.	SC-9081	
anti-h/mSSEA-4 Phycor-rythrin Conjugated Mouse IgG3	Reagent	R&D Systems	FAB1435P	
FITCI-conjugated antirabbit IgG	Reagent	Jackson ImmunoResearch	715-095-152	