

Materials List for:

Video Bioinformatics Analysis of Human Embryonic Stem Cell Colony Growth

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Materials

Name	Company	Catalog Number	Comments
mTeSR1 Human Embryonic Stem Cell Maintenance Medium	Stem Cell Technologies	05850	or any suitable medium for hESC culture.
BD Matrigel	BD Biosciences	356234	or other suitable substrate.
DMEM/F12 Basal Medium	Invitrogen	11330-032	
Phosphate Buffered Saline without Ca ²⁺ and Mg ²⁺			
Accutase Enzyme Cell Detachment Medium	eBioscience	00-4555-56	or other suitable detachment enzyme.
3mm Glass beads	Fisher Scientific	11-312A	optional.
12-well Tissue Culture Plates	BD Biosciences	353043	or any other plate format.
Nikon BioStation CT/IM			or other incubator/microscope suitable for collecting video data.
CL-Quant software (Nikon) and/or Photoshop (Adobe).			