

Materials List for:

Assessing Stem Cell DNA Integrity for Cardiac Cell Therapy

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URL: <https://www.jove.com/video/58971>

DOI: [doi:10.3791/58971](https://doi.org/10.3791/58971)

Materials

Name	Company	Catalog Number	Comments
0.25% Trypsin	Corning	25200056	
8-well chamber slide	Millicell	PEZGS0816	
Accutase	Stemcell Technologies	7920	Cell detachment solution
Alexa Fluor 488 AffiniPure Donkey Anti-Rabbit IgG	Jackson Immuno Research Laboratories	711-545-152 (RRID: AB_2313584)	
Bovine Serum Albumin	Sigma-Aldrich	A7906	
Cy3 AffiniPure Donkey Anti-Rabbit IgG	Jackson Immuno Research Laboratories	711-165-152 (RRID:AB_2307443)	
DAPI	Sigma-Aldrich	D9564	
Gibco B-27 Supplement, Serum Free,	Gibco	17504-044	
Matrigel growth factor reduced	Corning	354230	
mTeSR1	Stemcell Technologies	85850	
PhalloidinA488	Life Technology	A12379	
Phospho-Histone H2A.X (Ser139) Antibody	Cell Signaling Technology	2577 (RRID: AB_2118010)	
RPMI	Gibco	11875-093	
SYBR Green I nucleic acid gel stain	Sigma-Aldrich	S9430	
Triton X-100	Fisher scientific	BP151-100	
UltraPure Low melting Point Agarose	Invitrogen	16520050	
Vectashield	Vector Laboratories	H-1000	Antifade