

Materials List for:

Integration Free Derivation of Human Induced Pluripotent Stem Cells Using Laminin 521 Matrix

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Materials

Name	Company	Catalog Number	Comments
Dispase	Life Technologies	171105-041	Biopsy digestion
Collagenase	Sigma	C0130	Biopsy digestion
Gelatin	Sigma	G1393	Fibroblast matrix
IMDM	Life Technologies	21980002-032	Fibroblast medium
FBS	Invitrogen	10270106	Fibroblast medium
Penicillin/Streptomycin	Life Technologies	15070-063	Antibiotic
Essential 8 media	ThermoFisher Scientific	A1517001	iPS cell culture media
LN-521	Biolamina	LN521-03	iPS cell culture matrix
TrypLE select 1X	ThermoFisher Scientific	12563011	Dissociation reagent
Rho-kinase inhibitor Y27632	Millipore	SCM075	Rho-kinase inhibitor (ROCKi)
CytoTune – iPS 2.0 reprogramming kit	Life Technologies	A1377801	Sendai virus reprogramming vector
35 mm tissue culture dish	Sarstedt	83.3900.300	Cell culture
60 mm tissue culture dishes	Sarstedt	83.3901.300	Cell culture
24 well tissue culture plates	Sarstedt	83.3922.300	Cell culture
T25 tissue culture flasks	VWR	734-2311	Cell culture
15 mL tubes	Corning	430791	Centrifuge tubes
1.5 mL tube	Eppendorf	0030123.301	1.5 mL tube
CoolCell cell LX	Biocision	BCS-405	Freezing container
DMSO	Sigma	D2650-100ml	Fibroblast freezing
Cryovials 1.8 mL	VWR	479-6847	Cryovials
PSC Cryopreservation Kit	Gibco	A2644601	PSC CryomediumRevitaCell supplement
Trypsin-EDTA (0.05%)	ThermoFisherScientific	25300054	Fibroblast dissociation enzyme
DMEM/F12	Life Technologies	31331-028	Digestive enzymes dilutant
DPBS	Life Technologies	14190-094	PBS
HBSS	ThermoFisher Scientific	14025-050	Biopsy preparation
Haemocytometer	Sigma	BRAND, 718920	Cell counting
Parafilm	VWR	291-1213	Sealing plates for storage