

Materials List for

# Single Myofiber Culture Assay for the Assessment of Adult Muscle Stem Cell Functionality Ex Vivo

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jove.com/video/62257

## Materials

Name	Company	Catalog Number	Comments
Alexa Fluor 488 goat anti-rabbit IgG 2b	ThermoScientific	A-21141	use 1:1000 for IF
Alexa Fluor 546 goat anti-mouse IgG1	ThermoScientific	A-21123	use 1:1000 for IF
chicken embryo extract	Seralab	CE-650-J	chicken embryo extract containing growth factors etc.
collagenase type 1	Sigma	C0130	
DMEM (Dulbecco's modified Eagle's medium with 4.5 g/l glucose and sodium pyruvate)	Gibco	41966029	cell culture medium
fetal bovine serum	Gibco	10270-106	fetal bovine serum
horse serum	Gibco	26050-088	
Lipofectamine RNAiMax	ThermoScientific	13778150	transfection reagent
MyoD antibody clone G-1	Santa Cruz	sc-377460	dilute 1:200 for IF
Pax7 antibody	DSHB	PAX7	use undiluted
siGLO Red Transfection Indicator	horizon discovery	D-001630-02-05	non targeting siRNA