

Materials List for

# Alleviation of Diabetic Tendon Injury via Activation of Tendon Fibroblasts Autophagy under Berberine Treatment

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## Materials

Name	Company	Catalog Number	Comments
1% penicillin/streptomycin	Sigma-Aldrich, St. Louis, MO, USA	516104-M	
anti-LC3B	Abcam, CA, USA	ab48394	
anti-p62	Abcam	ab91526	
anti-β-actin antibody	Abcam	ab8227	
Binding buffer	BD Biosciences	556454	
DMEM	Thermo Fisher Scientific, Waltham, MA, USA	11965092	
EVOS XL Core microscope	Thermo Fisher Scientific	AMEX1000	
Goat anti-rabbit H&L HRP-conjugated secondary antibodies	Abcam	ab205718	
Leukemivirus reverse transcriptase	Clontech	639574	
Male Wistar rats	Shanghai SLAC Laboratory Animal Co., Ltd		200–240 g, 8 weeks
Oligo (dT)18 Primer	TaKaRa	3806	
Primers	Shanghai Sangon Biotech		Synthesized primers for IL-1β, IL-6 and IL-10
RIPA Lysis Buffer	Thermo Fisher Scientific	20-188	
RNA extraction kit (Trizol)	TaKaRa	9108Q	
StepOne Realtime PCR System	Thermo Fisher Scientific	4376357	
TUNEL assay kit	Thermo Fisher Scientific	C10245	