

Materials List for:

TAPE: A Biodegradable Hemostatic Glue Inspired by a Ubiquitous Compound in Plants for Surgical Application

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Materials

Name	Company	Catalog Number	Comments
Tannic acid	Sigma-aldrich	403040	
Poly(ethylene oxide), 4-arm, hydroxy terminated	Aldrich	565709	Average Mn ~ 10,000
Poly(ethylene glycol)	Aldrich	373001	Average Mn 4,600
Biopsy punch	Miltex	33-36	Diameter = 6 mm
Aron Alpha	Toagosei Co., Ltd.		Instant glue
Universal testing machine (UTM)	Instron	5583	
Microcentrifuge tubes	SPL life science	60015	1.5 ml
Petri dish	SPL life science	10090	90 x 15 mm
Sodium phosphate monobasic	Sigma	S5011	1x PBS ingredient
Sodium phosphate dibasic	Sigma	S5136	1x PBS ingredient
Sodium chloride	Duchefa biochemie	S0520.5000	1x PBS ingredient
Incubating shaker	Lab companion	SIF6000R	
ICR mice	Orient bio	Normal ICR mouse	6 weeks, 30 - 35 g, male
Tiletamine-zolazepam (Zoletil 50)	Virbac		
Zylazine (Rompun)	Bayer		
PrecisionGlide™ needle (18 G)	BD	302032	18 G
Filter paper	Whatman	1001 125	Diameter = 125 mm
Parafilm	Bemis Flexible Packaging	PM996	