

Materials List for:

# Alternating Magnetic Field-Responsive Hybrid Gelatin Microgels for Controlled Drug Release

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## Materials

Name	Company	Catalog Number	Comments
Gelatin	Sigma-Aldrich, MO, USA	G2500	Gelatin type A, porcine skin
poly(N-isopropylacrylamide-co-acrylamide)	Sigma-Aldrich, MO, USA	738727	MW = 20,000, LCST = 34 - 38 °C
Silicone oil	Sigma-Aldrich, MO, USA	378372	Viscosity 350 cSt
Pluoronic L64	Sigma-Aldrich, MO, USA	435449	poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)
genipin	TimTec LLC, DE, USA	ST080860	MW = 226.23
Magnetic nanoparticles (MNPs)	Micromod Inc, Germany	79-00-102	nanomag-D-spio, 100 nm
TR-BSA	Life Technologies, NY USA	A23017	Albumin from Bovine Serum (BSA), Texas Red conjugate