

Materials List for:

Ex Vivo Red Blood Cell Hemolysis Assay for the Evaluation of pH-responsive Endosomolytic Agents for Cytosolic Delivery of Biomacromolecular Drugs

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URL: <https://www.jove.com/video/50166>

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Materials

Name	Company	Catalog Number	Comments
BD Vacutainer - K2EDTA Vacutainer Tubes	Fisher Scientific	22-253-145	For blood collection
BD Vacutainer Blood Collection Needles, 20.5-gauge	Fisher Scientific	02-665-31	For blood collection
BD Vacutainer Tube Holder / Needle Adapter	Fisher Scientific	22-289-953	For blood collection
BD Brand Isopropyl Alcohol Swabs	Fisher Scientific	13-680-63	For blood collection
BD Vacutainer Latex-Free Tourniquet	Fisher Scientific	02-657-6	For blood collection
Hydrochloric acid (conc.)	Fisher Scientific	A144-500	For adjustment of pH of D-PBS.
Triton X-100	Sigma-Aldrich	T8787	Positive control
Dulbecco's PBS	Invitrogen	14190	
Nalgene MF75 Sterile Disposable Bottle-Top Filter Unit with SFCA Membrane	Fisher Scientific	09-740-44A	
BD 96-well plates, flat-bottomed, tissue culture-treated polystyrene	Fisher Scientific	08-772-2C	For plate-reading at the end of the assay.
BD 96-well plates, round-bottomed, tissue culture-treated polystyrene	Fisher Scientific	08-772-17	For incubation of red blood cells with experimental agents.