

Materials List for:

Antigens Protected Functional Red Blood Cells By The Membrane Grafting Of Compact Hyperbranched Polyglycerols

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Materials

Name	Company	Catalog Number	Comments
Glycidol	Sigma Aldrich		(ON, Canada)
Trimethylolpropane	Fluka		(ON, Canada)
Potassium methylate	Sigma Aldrich		(ON, Canada)
Anhydrous pyridine	Sigma Aldrich		(ON, Canada)
4-Dimethylaminopyridine	Sigma Aldrich		(ON, Canada)
Succinic anhydride	Sigma Aldrich		(ON, Canada)
Acetone	Fisher Scientific		(ON, Canada)
Anhydrous dimethyl formamide	Sigma Aldrich		(ON, Canada)
N-Hydroxysuccinimide	Sigma Aldrich		(ON, Canada)
N,N'-Diisopropylcarbodiimide	Sigma Aldrich		(ON, Canada)
MTS cards			Micro Typing System (MTS) cards (FL, USA)
Dextran 500 kDa	Pharmacia Fine Chemicals		(Sweden)
PEG 8 kDa	Sigma Aldrich		(ON, Canada)
FITC monoclonal anti-Rhesus D (RhD)	Quotient Biodiagnostics		(PA, USA)
PE monoclonal anti-CD47	BD Biosciences		(NJ, USA)
Drabkin's reagent	Sigma Aldrich		(ON, Canada)

Table. Chemicals and reagents used for the grafting of HPG polymers to RBC membrane and their analysis.