

Materials List for:

Determining Cell-surface Expression and Endocytic Rate of Proteins in Primary Astrocyte Cultures Using Biotinylation

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Materials

Name	Company	Catalog Number	Comments
Ammonium chloride (NH ₄ Cl)	Fisher Scientific	A661-500	
Bovine Serum Albumin (BSA)	Sigma-Aldrich	A9647-50	
Bromophenol blue	Bio-Rad	#1610404	
cOmplete protease inhibitor cocktail	Sigma-Aldrich	11697498001	
Disodium Ethylenediaminetetraacetate dihydrate (EDTA)	Bio-Rad	#1610729	
Dithiothreitol (DTT)	Bio-Rad	#1610611	
Dulbecco's Modified Eagle Medium (DMEM)	Gibco/Thermo Fisher Scientific	11960-044	
EZ-Link Sulfo-NHS-LC-Biotin	Thermo Fisher Scientific	#21335	
EZ-Link Sulfo-NHS-SS-Biotin	Thermo Fisher Scientific	#21331	
Fetal Bovine Serum (FBS)	Gibco/Thermo Fisher Scientific	16000-044	
Glycerol	Fisher Scientific	BP229-1	
Glycine	Sigma-Aldrich	G8898	
Iodoacetamide	Bio-Rad	#163-2109	
Laminin from Engelbreth-Holm-Swarm murine sarcoma basement membrane	Sigma-Aldrich	L2020	Thaw on ice.
L-glutamine	Gibco/Thermo Fisher Scientific	25030-081	
Mouse monoclonal anti-β-actin antibody (AC-15)	Sigma-Aldrich	A5441	
Mouse monoclonal anti-β-dystroglycan antibody (43DAG1/8D5)	Leica Biosystems	B-DG-CE	
Penicillin/streptomycin	Gibco/Thermo Fisher Scientific	15140-122	
Peroxidase AffiniPure Donkey anti-Mouse IgG (H+L)	Jackson ImmunoResearch Laboratories	715-035-150	
Peroxidase AffiniPure Goat anti-Rabbit IgG (H+L)	Jackson ImmunoResearch Laboratories	111-035-045	
Phosphate-Buffered Saline (PBS)	Gibco/Thermo Fisher Scientific	10010-023	
Reduced glutathione	Sigma-Aldrich	G6529	
Sodium chloride (NaCl)	Fisher Scientific	S271-500	
Sodium Dodecyl Sulfate (SDS)	Sigma-Aldrich	862010	
Sodium hydroxide (NaOH)	Fisher Scientific	S318-100	
Streptavidin agarose resin	Thermo Fisher Scientific	#20347	

Rabbit polyclonal anti-AQP4 antibody	Alomone	AQP-004	
Tris base (Trizma base)	Fisher Scientific	BP152-1	
Tris-HCl	Fisher Scientific	BP153-1	
Triton X-100	Fisher Scientific	BP151-500	