

Materials List for:

Mucin Agarose Gel Electrophoresis: Western Blotting for High-molecular-weight Glycoproteins

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URL: <https://www.jove.com/video/54153>

DOI: [doi:10.3791/54153](https://doi.org/10.3791/54153)

Materials

Name	Company	Catalog Number	Comments
Tris Base	Sigma	T6060-1kg	1 kg
Glacial Acetic Acid	Sigma	ARK2183-1L	1 L
EDTA	Sigma	EDS-100g	100 g
Glycerol	Fisher	BP229-1	1 L
Bromophenol Blue	Sigma	114391-5g	5 g
SDS (Sodium Dodecyl Sulfate)	Sigma	L6026-50g	50 g
20x SSC (Sodium Saline Citrate) Buffer	Promega	V4261	1 L
NaCl	Fisher	S271-1	1 kg
Trisodium Citrate (Na ₃ C ₆ H ₅ O ₇)	Sigma	W302600-1kg	1 kg
10 mM DTT (dithiothreitol)	Sigma	D0632	25 g
Milk Powder	Saco		Instant non-fat dry milk
Dulbecco Phosphate Buffered Saline (D-PBS)	Gibco lifetechnologies	14200-025	500 ml
Anti-GFP Goat Primary Antibody (mouse samples)	Rockland antibodies and assays	600-101-215	1 mg
UNC 222 Anti-Muc5b Rabbit Primary Antibody (mouse samples)	UNC		
H300 Anti-MUC5B Primary Antibodies (human samples)	Santa Cruz	sc-20119	200 µg
45M1 Anti-MUC5AC Primary Antibodies (human samples)	Abcam	ab3649	100 µg
Donkey Anti-rabbit 800CW IR Dye	LI-COR Biosciences	926-32213	0.5 mg
Donkey Anti-mouse 680LT IR Dye	LI-COR Biosciences	926-68022	0.5 mg
Electrophoresis Gel Box and Casting Tray	Owl Seperation Systems		
Power Supply Box	Biorad	Model 200/20	
Membrane Blotting Paper	Amersham	10600016	
Whatman Paper and Nitrocellulose membrane	GE	10 439 196	
Boekel/Appligene Vacuum Blotter 230 v	Expotech USA	230600-2	
Odyssey Infrared Fluorescence System	LI-COR Biosciences		