

Materials List for:

# A Guide to Modern Quantitative Fluorescent Western Blotting with Troubleshooting Strategies

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## Materials

Name	Company	Catalog Number	Comments
RIPA Buffer	Fisher Scientific UK Ltd	10230544	
M Tubes	Miltenyi Biotec Inc.	130-093-236	
iBlot Transfer Stack, PVDF Regular	Life Technologies, UK	IB401001	
MagicMark XP Western Protein Standard (20-220 kDa)	Life Technologies, UK	LC5602	Use in gel 1 for Western blotting
SeeBlue Pre-stained protein standard	Life Technologies, UK	LC5625	Use in gel 2 Total protein stained gel
NuPAGE LDS Sample buffer 4x	Life Technologies, UK	NP0007	
NuPAGE MES SDS Running Buffer (for Bis-Tris Gels only) (20x)	Life Technologies, UK	NP0002	
NuPAGE Novex 4-12% Bis-Tris Gel 1.0 mm, 12 well	Life Technologies, UK	NP0322BOX	
Phosphate buffered saline tablet	Sigma-Aldrich, UK	P4417-100TAB	
Micro BCA, Protein Assay Kit	Fisher Scientific UK Ltd	10249133	
Odyssey blocking buffer	Li-Cor Biosciences	P/N 927-40000	
IRDye 680RD Goat anti-Rabbit IgG (H+L), 0.5 mg	Li-Cor Biosciences	926-68071	
IRDye 680RD Donkey anti-Mouse IgG (H+L), 0.5 mg	Li-Cor Biosciences	926-68072	
IRDye 800CW Goat anti-Rabbit IgG (H + L), 0.5 mg	Li-Cor Biosciences	926-32211	
IRDye 800CW Donkey anti-Goat IgG (H + L), 0.5 mg	Li-Cor Biosciences	926-32214	
ODYSSEY CL Infra-red imager	Li-Cor Biosciences		Call for quotation
iBlot 7-Minute Blotting System	Life technologies, UK		This model is no longer in production
InstantBlue Protein stain	Expedeon, UK	ISB1L	
Revitablot western blot stripping buffer	Rockland Immunochemicals Inc.	MB-085-0050	