

Materials List for:

Robust Comparison of Protein Levels Across Tissues and Throughout Development Using Standardized Quantitative Western Blotting

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Materials

Name	Company	Catalog Number	Comments
Fine Tipped Gel Loading Tips	Alpha Laboratories	GL20057SNTL	
Halt Protease Inhibitor Cocktail, EDTA-free 100x 5mL	ThermoFisher Scientific	78437	
Handheld homogeniser	VWR Collection	431-0100	
iBlot 2 Gel Transfer Device	ThermoFisher Scientific	IB21001	
iBlot Transfer Stack, PVDF, regular size	ThermoFisher Scientific	IB401031	
Image Studio Lite	Licor	N/A	Free download from https://www.licor.com/bio/products/software/image_studio_lite/
IRDye 800CW secondary antibodies	Licor	--	Select appropriate secondary antibody that is specific against host of primary antibody.
Micro BCA Protein Assay Kit	ThermoFisher Scientific	23235	
Novex Sharp Pre-stained Protein Standard	ThermoFisher Scientific	LC5800	
NuPAGE 4-12% Bis-Tris Protein Gels, 1.0 mm, 15-well	ThermoFisher Scientific	NP0323BOX	
NuPAGE LDS Sample Buffer (4X)	ThermoFisher Scientific	NP0007	
NuPAGE MOPS SDS Running Buffer (20X)	ThermoFisher Scientific	NP0001	
Odyssey Blocking Buffer	Licor	927-40000	
Purified Mouse anti-SMN (survival motor neuron) monoclonal antibody	BD Transduction Laboratories	610646	Is used extensively in the SMN/ SMA literature and gives consistent results regardless of lot number
REVERT Total Protein Stain, 250 mL	Licor	926-11021	
REVERT Wash Solution	Licor	926-11012	
RIPA Lysis and Extraction Buffer	ThermoFisher Scientific	89900	
XCell SureLock Mini-Cell	ThermoFisher Scientific	EI0001	