

Materials List for:

The Use of Reverse Phase Protein Arrays (RPPA) to Explore Protein Expression Variation within Individual Renal Cell Cancers

Fiach C. O'Mahony¹, Jyoti Nanda¹, Alexander Laird¹, Peter Mullen², Helen Caldwell³, Ian M. Overton⁴, Lel Eory⁴, Marie O'Donnell^{1,5}, Dana Faratian⁶, Thomas Powles⁷, David J. Harrison^{1,2}, Grant D. Stewart¹

¹Edinburgh Urological Cancer Group, University of Edinburgh

²School of Medicine, University of St Andrews

³Division of Pathology, University of Edinburgh

⁴MRC Human Genetics Unit, MRC IGMM, University of Edinburgh

⁵Department of Pathology, Western General Hospital

⁶Breakthrough Breast Cancer Research Unit, University of Edinburgh

⁷St Bartholomew's Cancer Institute, Experimental Cancer Medicine Centre, Queen Mary University of London

Correspondence to: Fiach C. O'Mahony at fomahony@staffmail.ed.ac.uk

URL: <https://www.jove.com/video/50221>

DOI: [doi:10.3791/50221](https://doi.org/10.3791/50221)

Materials

Name	Company	Catalog Number	Comments
aprotinin	Sigma	A6279	
phosphatase inhibitor cocktail 2	Sigma	P5726	
phosphatase inhibitor cocktail 3	Sigma	P0044	
protease inhibitor cocktail	Roche	11836153001	
Triton X-100	Triton-X	T8787	
Li-Cor Odyssey Blocking Buffer	Li-Cor	927-40000	
TissueLyser	Qiagen	85600	
MicroGrid II robotic spotter	Biorobotics		
FastFrame' four bay slide holder	Whatman	10486001	
FAST Slide - 2-Pad	Whatman	10485317	
IRDye 680LT Goat anti-Mouse IgG	Licor	926-68020	
IRDye 800CW Goat anti-Rabbit IgG	Licor	926-32211	