

Materials List for:

Assaying the Kinase Activity of LRRK2 *in vitro*

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Materials

Name	Company	Catalog Number	Comments
LRRK2 wild type	Invitrogen	PV4873	
LRRK2 G2019S	Invitrogen	PV4881	
LRRK2 D1994A	Invitrogen	PV6051	
Kinase buffer	Cell Signaling Technology	9802S	
MBP	Sigma-Aldrich	M1891	
32P g ATP	PerkinElmer, Inc.	BLU002X500UC	500μCi, 30Ci /mMole
4x LDS sample buffer	Invitrogen	NP0007	
2-Mercapto-ethanol	Sigma-Aldrich	M6250	
Protein standards	Invitrogen	LC5800	
MOPS running buffer	Invitrogen	NP0001	
Bis-tris acrylamide gel	Invitrogen	NP0321	4-12% 1mm 10well
PVDF membrane	EMD Millipore	IPVH00010	
Transfer buffer	Invitrogen	NP0006	

Table 1. Reagents

Distilled and de-ionized water was used for all dilution steps

Geiger counter	Mini Instruments		
SDS PAGE tank	Invitrogen		
Transfer tank	Invitrogen		
Heat blocks (2)	Eppendorf		
Phosphor screen	GE Healthcare		X-ray film can be substituted
Phosphor imager	GE Healthcare		
Exposure cassette	GE Healthcare		
Centrifuge	Eppendorf		
Perspex shielding			
1.5ml tubes	VWR international		Screw top with O ring

Table 2. Equipment