

Materials List for:

Biochemical Reconstitution of Steroid Receptor•Hsp90 Protein Complexes and Reactivation of Ligand Binding

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Materials

Name	Company	Catalog Number	Comments
Sf9 insect cells	Invitrogen		for baculovirus expression of recombinant mouse GR
L929 cells	ATCC	CRL-2173	for endogenous mouse GR cytosol preparation (alternative to baculovirus expression)
FIGR hybridoma cells	ATCC	CRL-2173	for preparing ascites containing anti-GR monoclonal antibody (alternative to purified BuGR2 antibody)
Complete-Mini protease inhibitor, EDTA-free	Roche Group	11836170001	
protein A-Sepharose	Sigma-Aldrich	P3391	
rabbit reticulocyte lysate	Green Hectares (Oregon, WI)		rich source of endogenous hsp90/hsp70 chaperone machinery
creatine phosphokinase	Sigma-Aldrich	C3755	for ATP-regenerating system
phosphocreatine	Sigma-Aldrich	P7936	for ATP-regenerating system
anti-GR mouse monoclonal antibody (BuGR2)	Pierce, Thermo Scientific	MA1-510	used for GR immunoadsorption and as primary antibody in western blotting
anti-hsp90 mouse monoclonal antibody (AC88)	Enzo Life Sciences	ADI-SPA-830	used as primary antibody in western blotting
anti-hsp70 mouse monoclonal antibody (N27F3-4)	Enzo Life Sciences	ADI-SPA-820	used as primary antibody in western blotting
IgG from mouse serum	Sigma-Aldrich	038K7690	used as nonimmune antibody for negative control of immunoadsorption
anti-mouse IgG-peroxidase conjugate	Sigma-Aldrich	A4416	used as secondary antibody in western blotting
Experion microfluidic electrophoresis system	Bio-Rad	7007001	alternative to conventional SDS-PAGE
[1,2,4,6,7- ³ H] dexamethasone	PerkinElmer, Inc.	NET1192001MC	follow safety precautions