

Materials List for:

Production of Nurr-1 Specific Polyclonal Antibodies Free of Cross-reactivity Against Its Close Homologs, Nor1 and Nur77

Pierre Leblanc¹, Minho Moon^{1,2}, Woori Kim¹, Inhye Jeong¹, Chun-Hyung Kim¹, Kwang-Soo Kim¹

¹Molecular Neurobiology Laboratory, Psychiatry, McLean Hospital

²Department of Biochemistry, College of Medicine, Konyang University

Correspondence to: Pierre Leblanc at pleblanc@mclean.harvard.edu

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Materials

Name	Company	Catalog Number	Comments
Purified Ligand Binding Domain from Nurr1, Nor 1 and Nur77			Column Storage solution
AminoLink Coupling Resin and Kit	Thermo Scientific	44890	
Protein A spin column	Thermo Scientific	89978	
Dulbecco's Phosphate-Buffered Saline	Corning	21-031-CV	
96 well Flat-bottom plates, High Flange, 330 µl	Thermo Scientific	3455	
10% Normal Goat Serum	KPL	50-675-69	
Milk Diluent/ Blocking Concentrate	KPL	50-82-01	
IgG Elution Buffer	Thermo Scientific	21004	
Micro BCA Protein Assay Kit	Thermo Scientific	23235	
Horse Radish Peroxidase conjugated Goat anti-Rabbit IgG (H +L)	Thermo Scientific	31460	
Ni-NTA Resin	Thermo Scientific	88221	
3, 3', 5, 5' Tetramethylbenzidine	Thermo Scientific	34028	
2N H ₂ SO ₄	Macron Fine Chemicals	H381 05	
Protein A IgG Binding Buffer	Thermo Scientific	21001	
IgG Elution Buffer	Thermo Scientific	21004	
Column Storage solution			Phosphate Buffered Saline containing 0.02% sodium azide
Spectra/Por 7 pre-treated dialysis tubing	Spectrum Labs	132128	
10 ml Disposable columns	Thermo Scientific	29924	
AminoLink Coupling Buffer			0.1M sodium phosphate, 0.05% NaN ₃ , pH 7.0
Quenching buffer			1M Tris. HCl, 0.05% NaN ₃ , pH 7.4
Wash Solution			1M NaCl, 0.05% NaN ₃
ELISA Blocking buffer			1% Normal Horse serum (NHS), 1% Normal Goat Serum (NGS) in 1X KPL milk diluent
Storage Solution			PBS pH 7.4 containing 0.02% sodium azide
Micropipettes: 10 µl; 20 µl; 200 µl; 1000 µl			