

Materials List for:

Tracing Gene Expression Through Detection of β -galactosidase Activity in Whole Mouse Embryos

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Materials

Name	Company	Catalog Number	Comments
REAGENTS			
2-Propanol	SIGMA-ALDRICH	24137-1L-R	
Agarose	SCHARLAU	50004/ LE3Q2014	
Aqueous mounting medium	VECTOR LABS	H-5501	
Synthetic mounting media	MERCK	100579	
96% Ethanol	PROLABO	20824365	
99.9% Ethanol absolute	SCHARLAU	ET00021000	
50% Glutaraldehyde solution	SIGMA-ALDRICH	G6403-100ml	
85% Glycerol	MERCK	104094	
99.9% Glycerol	SIGMA-ALDRICH	G5516	
Magnesium chloride hexahydrate	SIGMA-ALDRICH	63064	
Nonionic surfactant (Nonidet P-40)	SIGMA-ALDRICH	542334	
Nuclear Fast Red counterstain	SIGMA-ALDRICH	N3020	
Paraffin pastilles	MERCK	111609	
Paraformaldehyde	SIGMA-ALDRICH	158127-500g	
Phosphate buffered saline (tablets)	SIGMA-ALDRICH	P4417-50TAB	
Potassium ferrocyanate	MERCK	1049840500	
Potassium ferrocyanide	MERCK	1049731000	
Sodium azide	SIGMA-ALDRICH	S8032	
Sodium deoxycholate	SIGMA-ALDRICH	30970	
Sodium dihydrogen phosphate monohydrate	SIGMA-ALDRICH	106346	
Sodium phosphate dibasic dihydrate	SIGMA-ALDRICH	71638	
Thymol	SIGMA-ALDRICH	T0501	
Tris hydrochloride (Tris HCl)	SIGMA-ALDRICH	10812846001 (Roche)	
X-GAL	VENN NOVA	R-0004-1000	
Xylene	VWR CHEMICALS	VWRC28973.363	
EQUIPMENT			
Disposable plastic cryomolds 15x15x5 mm	SAKURA	4566	

Rotatory Microtome	Leica	RM2235	
Cassettes	Oxford Trade	OT-10-9046	
Microscope Cover Glasses 24x60 mm	VWR	ECN631-1575	
Microscope slides	Thermo Scientific, MENZEL-GLÄSER	AGAA000001#12E	
Adhesion microscope slides	Thermo Scientific, MENZEL-GLÄSER	J1820AMNZ	
Flotation Water bath	Leica	HI1210	
Disposable Low Profile Microtome Blades	Feather	UDM-R35	
Paraffin oven	J.R. SELECTA	2000205	
Wax Paraffin dispenser	J.R. SELECTA	4000490	
Stereomicroscope	Leica	DM500	
Polypropylene microcentrifuge tubes 2.0 mL	SIGMA-ALDRICH	T2795	
Polypropylene microcentrifuge tubes 1.5 mL	SIGMA-ALDRICH	T9661	
Orbital shaker	IKA Labortechnik	HS250 BASIC	
Stirring Hot Plate	Bibby	HB502	
Vortex Shaker	IKA Labortechnik	MS1	
Laboratory scale	GRAM	FH-2000	
Precision scale	Sartorius	ISO9001	
pHmeter	Crison	Basic 20	
Optic fiber	Optech	PL2000	