

Materials List for:

Whole Mount *in Situ* Hybridization of E8.5 to E11.5 Mouse Embryos

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Materials

Name	Type	Company	Catalog Number	Comments
Digoxigenin-11-uridine-5'-triphosphate	Reagent	Roche Group	11209256910	
Ribonucleoside Triphosphate Set	Reagent	Roche Group	11277057001	
Quick Spin Columns for radiolabeled RNA purification	Supply	Roche Group	11274015001	
T7 RNA polymerase	Reagent	Roche Group	10881767001	
SP6 RNA polymerase	Reagent	Roche Group	10810274001	
T3 RNA polymerase	Reagent	Roche Group	11031163001	
CTP, [α -32P]- 800Ci/mmol 10mCi/ml , 250 μ Ci	Reagent	PerkinElmer, Inc.	BLU008X250UC	
DNase I recombinant, RNase-free	Reagent	Roche Group	4716728001	
Urea, Colorless-to-white Crystals or Crystalline Powder	Reagent	Fisher Scientific	BP169-500	
Gel loading buffer	Reagent	Ambion	AM8547	
Hybond-N+, Amersham	Supply	GE Healthcare	RPN82B	
UV Stratalinker 2400	Equipment	Stratagene, Agilent Technologies		
Diethyl pyrocarbonate	Reagent	Sigma-Aldrich	D5758-100ML	
Heparin sodium	Reagent	Acros Organics	41121-0010	
hydrogen peroxide 30% in water	Reagent	Fisher Scientific	BP2633-500	
Glutaraldehyde, 8% EM grade	Reagent	Polysciences, Inc.	0/710	Use with caution according to manufacture's instructions
Blocking reagent	Reagent	Roche Group	11096176001	Make into 5% stock and store at -20° C
Proteinase K	Reagent	Roche Group	3115852001	
Rnase A	Reagent	Roche Group	10109142001	Make as 10 mg/ml stock and store at -20° C.
Rnase T1	Reagent	Roche Group	10109193001	
Ultrapure Formamide	Reagent	Invitrogen	15515-026	
Levamisole hydrochloride	Reagent	ICN Biomedicals	155228	
Ribonucleic acid from torula yeast, Type VI	Reagent	Sigma-Aldrich	R6625	phenol/chloroform extracted several times and precipitated, resuspended in DEPC-dH2O and stored at -20° C

Anti-Digoxigenin-AP Fab fragments	Reagent	Roche Group	11093274910	
BM Purple AP Substrate, precipitating. Ready-to-use solution.	Reagent	Roche Group	11 442 074 001	
4mL, Clear, Closed Top, Storage Vial Convenience Kit	Supply	National Scientific Company	B7800-2	
Shake N Bake hybridization oven	Equipment	Boekel Scientific	136400	
Biopsy Sure-Tek	Supply	Fisher Scientific	15-200-402C	
Paraplast Plus tissue embedding medium	Reagent	Fisher Scientific	23-021-400	
Peel-A-Way disposable plastic tissue embedding molds	Supply	Polysciences, Inc.	18646A	
Colorfrost Plus Microscope slides	Supply	Fisher Scientific	12-550-17	
Nuclear Fast Red	Reagent	Sigma-Aldrich	N8002	
Cytoseal 60	Reagent	Richard-Allan Scientific	8310-16	