

Materials List for:

Multi-target Chromogenic Whole-mount *In Situ* Hybridization for Comparing Gene Expression Domains in *Drosophila* Embryos

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Materials

Name	Company	Catalog Number	Comments
Deionized, diethylpyrocarbonate (DEPC) treated water	Thermo Scientific	R0603	
T7 RNA Polymerase	Thermo Scientific	EP0111	
T3 RNA Polymerase	Thermo Scientific	EP0101	
SP6 RNA Polymerase	Thermo Scientific	EP0131	
RiboLock RNase Inhibitor	Thermo Scientific	EO0381	
DNase I, RNase-free	Thermo Scientific	EN0521	
NTP Set	Thermo Scientific	R0481	
Digoxigenin-11-UTP	Roche	11209256910	
Fluorescein-12-UTP	Roche	11427857910	
Biotin-16-UTP	Roche	11388908910	
Ammonium acetate	Applchem	A2936	
Ethanol, absolute	Merck	100983	
di-Sodium hydrogen phosphate	Scharlau	SO0339	
Sodium dihydrogen phosphate	Scharlau	SO0331	
Tween-20	Sigma	P1379	
Paraformaldehyde	Sigma	P6148	
Methanol	Sigma	32213	
Proteinase K	Thermo Scientific	EO0491	
Glycine	Sigma	G7126	
Hydrochloric acid	Merck	100317	
tri-Sodium citrate	Scharlau	SO0200	
deionized formamide	Applchem	A2156	
RNA type VI from torula yeast	Sigma	R6625	
Heparin sodium salt	Applchem	A3004	
Dextran sulfate sodium salt	Sigma	D6001	
Sheep serum	Sigma	S2263	
Sheep anti-biotin-AP Fab fragments	Roche	11426303001	
Sheep anti-digoxigenin-alkaline phosphatase (AP) Fab fragments	Roche	11093274910	
Sheep anti-fluorescein-AP Fab fragments	Roche	11426303001	
Rabbit anti-dinitrophenyl-AP antibody	Vector laboratories	MB-3100	

Tris-(hydroxymethyl)-aminomethane	Scharlau	TR04241000	
Magnesium chloride	Scharlau	MA0036	
Sodium chloride	Scharlau	SO0227	
Levamisole	Sigma	L9756	
N,N-Dimethylformamide	Sigma	D4551	
Dimethylsulfoxide	Applichem	A3006	
Fast Red tablet set	Sigma	F4648	
Fast Blue BB salt	Sigma	F3378	
Naphthol-AS-MX-phosphate	Sigma	N5000	
Naphthol-AS-GR-phosphate	Sigma	N3625	
Naphthol-AS-BI-phosphate	Sigma	N2250	
Magenta-Phos	Biosynth	B7550	
INT	Sigma	I8377	
NBT	Applichem	A1243	
BCIP	Applichem	A1117	
INT/BCIP solution	Roche	11681460001	
Glycerol 86-88%	Scharlau	GL0023	
Universal incubator	Memmert	BE400	
Waterbath	Memmert	WB14	
Heat block	Grant	QBT2	
Netwell inserts 15 mm	Corning	3477	
Netwell carrier kit 15 mm	Corning	3520	
12-well cell culture plate	Corning	3513	
24-well plate	Sarstedt	83.3922	
1.5 ml microtube	Sarstedt	72.690.001	
2.0 ml microtube	Sarstedt	72.691	