

Materials List for:

# In situ Protocol for Butterfly Pupal Wings Using Riboprobes

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URL: <https://www.jove.com/video/208>

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## Materials

Name	Type	Company	Catalog Number	Comments
Fix Buffer				4% Paraformaldehyde in PBS
PBT				0.1% Tween 20 in PBS
Proteinase K solution				2.5mg/ml Proteinase K in PBT
Digestion Stop Buffer				2 mg/ml glycine in PBT
Pre-Hybridization Buffer				For 50 ml PHB: 12 ml DEPC treated water + 25 ml Formamide + 12.5 ml 20 x SSC + 50 ul Tween 20 + 500 ul 10 mg/ml salmon sperm (Rnase free, heat denatured prior to addition to solution).
Hybridization Buffer				Add 1 mg/ml glycogen to prehybridization buffer
Block Buffer				50 mM Tris pH 6.8, 150 mM NaCl, 0.5% IGEPAL (NP40), 5 mg/ml BSA
Anti-DIG	Ab	Roche Group	11 093 274 910	Alkaline Phosphatase conjugated
DIG Wash and Block Buffer Set		Roche Group	11 585 762 001	
Crystal Mount Aqueous Mounting Medium		Sigma-Aldrich	C0612	Mounting Medium