Materials List for:

A Whole Mount *In Situ* Hybridization Method for the Gastropod Mollusc *Lymnaea stagnalis*

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Materials

Name	Company	Catalog Number	Comments
Featherweight forceps	Ehlert & Partner	#4181119	
Silicon tubing	Glasgerätebau OCHS GmbH	760070	
Glass capillaries	Hilgenberg	1403547	
12 well tissue culture dishes	Carl Roth	CE55.1	
37% Formaldehyde	Carl Roth	P733.1	CAUTION - May cause cancer. Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
Ethylenediamine tetraacetic acid	Carl Roth	CN06.3	CAUTION - CAUSES EYE IRRITATION. MAY CAUSE RESPIRATORY TRACT AND SKIN IRRITATION. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation
Magnesium Chloride	Carl Roth	2189.1	
Tween-20	Carl Roth	9127.1	CAUTION - May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation. May be harmful if swallowed.
Sodium Chloride	Carl Roth	3957.1	
Ficoll type 400	Carl Roth	CN90.1	
polyvinylpyrrolidone K30 (MW 40)	Carl Roth	4607.1	CAUTION - May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation. May be harmful if swallowed.
Nuclease freeBovine Serum Albumin	Carl Roth	8895.1	
Salmon sperm	Carl Roth	5434.2	
Heparin	Carl Roth	7692.1	CAUTION - ADVERSE EFFECTS INCLUDE HEMORRHAGE, LOCAL IRRITATION. POSSIBLE ALLERGIC REACTION IF INHALED, INGESTED/ CONTACTED. EYES/SKIN/ RESPIRATORY TRACT IRRITANT. POSSIBLE

			HYPERSENSITIZATION. DURING PREGNANCY HAS BEEN REPORTED TO INCREASE RISK OF STILLBIRTH
Proteinase-K	Carl Roth	7528.1	
Glycine	Carl Roth	3790.2	
Deionised formamide	Carl Roth	P040.1	CAUTION - Irritating to eyes and skin. May be harmful by inhalation, in contact with skin and if swallowed. May cause harm to the unborn child. Hygroscopic.
Standard formamide	Carl Roth	6749.3	CAUTION - Irritating to eyes and skin. May be harmful by inhalation, in contact with skin and if swallowed. May cause harm to the unborn child. Hygroscopic.
Triethanolamine	Carl Roth	6300.1	CAUTION - Avoid breathing vapor or mist. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.
Acetic anhydride	Carl Roth	4483.1	CAUTION - CAUSES SEVERE SKIN AND EYE BURNS. REACTS VIOLENTLY WITH WATER. HARMFUL IF SWALLOWED. VAPOR IRRITATING TO THE EYES AND RESPIRATORY TRACT
Maleic acid	Carl Roth	K304.2	CAUTION - Very hazardous in case of eye contact (irritant), of ingestion, . Hazardous in case of skin contact (irritant), of inhalation (lung irritant). Slightly hazardous in case of skin contact (permeator). Corrosive to eyes and skin.
Benzyl benzoate	Sigma	B6630-250ML	CAUTION - May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation. Harmful if swallowed.
Benzyl alcohol	Sigma	10,800-6	CAUTION - Harmful if swallowed. Harmful if inhaled. Causes serious eye irritation.
Glycerol	Carl Roth	3783.1	
Blocking powder	Roche	11096176001	
Anti DIG Fab fragments AP conjugated	Roche	11093274910	
Tris-HCI	Carl Roth	9090.3	
4-Nitro blue tetrazolium chloride in dimethylformamide	Carl Roth	4421.3	CAUTION - May cause harm to the unborn child. Harmful by inhalation and in contact with skin. Irritating to eyes.
5-bromo-4-chloro-3-indolyl- phosphate	Carl Roth	A155.3	CAUTION - Potentially harmful if ingested. Do not get on skin, in eyes, or on clothing. Potential skin and eye irritant.
N-acetyl cysteine	Carl Roth	4126.1	
Dithiothreitol	Carl Roth	6908.1	CAUTION - May cause eye and skin irritation. May cause respiratory and digestive tract

			irritation. The toxicological properties of this material have not been fully investigated.
Tergitol	Sigma	NP40S	CAUTION - May be harmful if inhaled. May cause respiratory tract irritation. May be harmful if absorbed through skin. May cause skin irritation. May cause eye irritation. May be harmful if swallowed.
Sodium dodecyl sulphate	Carl Roth	CN30.3	CAUTION - Harmful if swallowed. Toxic in contact with skin. Causes skin irritation. Causes serious eye damage. May cause respiratory irritation.
Potassium Chloride	Carl Roth	6781.1	
di-Sodium hydrogen phosphate dihydrate (Na ₂ HPO ₄ •2H ₂ O)	Carl Roth	4984.1	
Potassium dihydrogen phosphate (KH ₂ PO ₄)	Carl Roth	3904.1	
Tri sodium citrate dihydrate (C ₆ H ₅ Na ₃ O ₇ •2H ₂ O)	Carl Roth	3580.1	CAUTION - May cause eye, skin, and respiratory tract irritation. The toxicological properties of this material have not been fully investigated.
Mineral oil	Carl Roth	HP50.2	
InSituPro-Vsi	Intavis		www.intavis.de/products/ automated-ish-and-ihc