

Materials List for

Depigmentation and Prestaining of Zebrafish Kidney: A Technique to Prepare Adult Zebrafish Kidney for Staining

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URL: <https://www.jove.com/video/20574>

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Materials

Name	Company	Catalog Number	Comments
1X PBS			Made by diluting 10X PBS in distilled water
1X PBST			0.1% Tween-20 detergent in 1X PBS
1X PBS with 0.05 % Tween			0.05% Tween-20 detergent in 1X PBS
Tween 20	American Bioanalytical	AB02038	
4% PFA/1X PBS			Dissolve 4% PFA (w/v) (Electron Microscopy Sciences, Cat #19210) in 1X PBS, bring to boil on a hot plate in a fume hood. Cool and freeze the aliquots for storage in the freezer at -20°C. Thaw just before use and do not refreeze stocks
Bleaching solution			Bleach mix formula (for a 20 ml solution): 1.6 ml of 10% Potassium hydroxide solution 0.6 ml of 30% Hydrogen peroxide solution 100 µl of 20% Tween Fill to 20 ml with distilled water
Potassium hydroxide	Sigma	221473	
Hydrogen peroxide	Sigma	H1009	
Blocking solution			Blocking Solution (for a 10 ml solution): 8 ml of 1X PBS with 0.05% Tween 2 ml of fetal calf serum 150 µl of DMSO