

Materials List for:

A Human Fallopian Tube Model for Investigation of *C. trachomatis* Infections

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URL: <https://www.jove.com/video/4036>

DOI: [doi:10.3791/4036](https://doi.org/10.3791/4036)

Materials

Name	Company	Catalog Number	Comments
DMEM	PAA	E15-843	
RPMI	PAA	R15-802	
FCS	PAA	A15-101	
Cycloheximide	Sigma - Aldrich		
SPG Buffer	various		see recipe below
Monti's fixative	various		see recipe below
sodium cacodylate buffer	various		see recipe below
Richardson's stain	various		see recipe below
Recipes:			
1. SPG Buffer			
1. Add 75 g sucrose. 2. Add 2.47 g disodium phosphate. 3. Add 0.36 g monosodium phosphate. 4. Add 0.72 g glutamic acid. 5. Fill to 1 l with aqua dest. 6. Adjust pH to 7.3.			
2. 0.1 M sodium cacodylate buffer, pH 7.35.			
1. Add 42.80 g dimethylarsenic acid sodium salt. 2. Add 68.46 g sucrose. 3. Fill to 1 l with aqua dest. to get 0.2 M sodium cacodylate buffer. 4. Before use dilute solution with aqua dest. to desired concentration and adjust pH to 7.35 if necessary.			
3. Monti's fixative			
1. Add 156 ml 0.12 M sodium cacodylate buffer. 3.2 Add 25 ml 25% glutardialdehyde in aqua dest. 2. Add 19 ml 10% paraformaldehyde in aqua dest. 3. Add 3 ml 3% CaCl₂ in aqua dest. 4. Adjust pH to 7.35 and fill with aqua dest. to 312 ml final solution.			
4. Richardson's stain			
1. Mix equal parts of 1% methylene blue in 1% aqueous borax solution and 1% Azur II in aqua dest.			