
Twin Cities Campus

Imaging Center

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Adhering suspended samples onto coverslips

Solutions: 0.1% polyethyleneimine

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|---|--------------|
| 50% polyethyleneimine, aqueous (Sigma P-3143) | 20.0 μ l |
| Q.S. with distilled H ₂ O | 10.0 ml |

1. Clean coverslips with 95% EtOH and allow to air dry
2. Add drop of 0.1% polyethyleneimine to coverslip and spread drop to cover surface of coverslip. Allow to incubate for 1-2 minutes. Do not allow to dry.
3. Briefly rinse coverslip with distilled water and allow to air dry (usually 10-20 minutes, use within 1 hour).
4. Add sample suspension to coverslip and allow to adhere for 10-15 minutes.
5. Wick off excess solution with filter paper and wait additional 2-3 minutes. **DO NOT ALLOW TO AIR DRY!**
6. Specimens are now mounted and ready to continue with additional processing.