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Mowiol mounting media [↗](#)Michael Economo¹¹Boston University

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Works for me

[dx.doi.org/10.17504/protocols.io.8p6hvre](https://doi.org/10.17504/protocols.io.8p6hvre)

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ABSTRACT

This makes a low cost mounting media that preserves many fluorescent dyes very well. It is a non-hardening media.

This protocol first published in Cold Spring Harbor Protocols.

EXTERNAL LINK

<http://cshprotocols.cshlp.org/content/2010/1/pdb.rec12110.full>

MATERIALS

NAME ▾	CATALOG # ▾	VENDOR ▾
Glycerol	G5516	Sigma Aldrich
0.2 M Tris Buffer pH 8.5	T1503-100G	Sigma Aldrich
Mowiol® 4-88	81381-50G	Sigma Aldrich

1. Mix glycerol and Mowiol; dissolve with frequent agitation for 1 h at room temperature.
2. Add H₂O. Stir for 1 h at room temperature.
3. Add Tris-Cl. Incubate for 2 h at 50°C with occasional stirring (e.g., for 2 min every 20 min).
4. Centrifuge at 5000g for 15 min.
5. Store 3-mL aliquots of the supernatant for up to 12 mo at -20°C.
Mowiol often does not dissolve completely.



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