Quick staining procedure of nuclei in Euplotes using DAPI

Version 3

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Abstract

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Protocol

Step 1.

Mix concentrated Euplotes cells together with Ethanol 70% in a ratio of 1:1.

NOTES
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Better to have a completely starved Euplotes culture to avoid autofuorescence from bacteria/algae.

Step 2.

Add DAPI (0.01 mg/ml) to the mix in a ratio of 1:10 and stain for 15 minutes at room temperature.

Step 3.

Observe cells by fluorescence microscopy.