

SYTOX-GREEN STAINING OF INTESTINAL CONTENT

1. Collect ceecal content into sterile 1.5ml Eppendorf tube (10-200mg).
2. Add 500 μ l 4% Paraformaldehyde (PFA) and mix. Incubate for 30 minutes at room temperature.
3. Take ~100 μ l of fixed content (including solid particles) and resuspend in 800 μ l sterile PBS.
4. Add 1 μ l of Sytox-green (100 μ g/ml). Mix and incubate for at least 30 minutes **in the dark** (up to 2-3 hours).
5. Spin down, take 50-100 μ l of particles, spread on slide and let dry.
6. Mount with Glycerol/Gelatine + coverslip.
7. Perform microscopy in green fluorescence channel.