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Version 1

🌐 Croprological flotation techniques Tibor-Kassai, 1998 V.1

📖 PLOS Neglected Tropical Diseases

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We use this protocol and it's working

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Troubleshooting

- 1 Prepare a Sheather's Sucrose Solution. Density = 1.20-1.27. Preparation: dissolve over indirect heat (to avoid caramelization) approximately 500 g of granulated sugar (sucrose) in 1 liter of boiling water; add 6 ml of 37% formaldehyde or crystallized phenol to prevent microbial growth (mold).
- 2 Immerse 3-5 g of feces in water for 30 minutes; dissolve the stool balls. using a glass rod or an electric homogenizer until a semi-solid suspension is obtained.
- 3 Deposit the mixture in a centrifuge tube and centrifuge at 1500 rpm for 2 minutes, subsequently discarding the supernatant
- 4 Re-suspend the sediment completely by shaking
- 5 Fill the tube with one of the flotation solutions. mix the contents, covering the tube with your thumb and inverting it several times; do not shake, avoid the formation of air bubbles
- 6 Centrifuge again at 1500 rpm for 2 minutes
- 7 Place the drop where the eggs are on a slide, lightly pressing the glass rod or the handle on it; add a drop of water, place a coverslip and examine the entire preparation under the microscope using the 10X objective; using the 40X objective to appreciate in detail the morphology of the eggs