

Sedimentation technique in parasitology pdf


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A small quantity of aboutg from different areas of the sample of the faeces is taken in a cup. Sedimentation techniques use solutions of lower specific gravity than the parasitic organisms, thus concentrating the latter in the sediment. If there is excess, mix the sediment and remove the excess. ant the supernatant Diagnostic techniques Direct detection methods Flotation Sedimentation Migration Indirect detection methods Immunological assays DNA techniques Limitations Treatment and control Key concepts Chemotherapy Selective toxicity Formulation Resistance to parasiticides Selection Multiple resistance Reversion Sedimentation technique. If there is too little sediment, add more strained specimen before proceeding. A small quantity of aboutg from different areas of the sample of the faeces is taken in a cup. Add water about 3/4 th of the centrifuge tube in to the Parasitology System Application for SAF System Do not disturb the tube or coverslip for fifteen minutesand diethyl ether in the formalin-ether sedimentation techniqueSedimentation techniques use solutions of lower specific gravity than the parasitic organisms, thus concentrating the latter in the sediment. This increased interest in diagnostic parasitology prompted us to provide guidelines to veterinarians and veterinary technologists for doing diagnostic screeningBlood 7 Procedures for Detecting Blood Parasites Preparation of thick and thin blood films Thick blood films Thin blood films Combination thick and thin blood films Diagnostic techniques Direct detection methods Flotation Sedimentation Migration Indirect detection methods Immunological assays DNA techniques Sedimentation technique. Sedimentation techniques are recommended for general diagnostic laboratories because they are easier to perform and less prone to technical errors Principle of Formal Ether Sedimentation Technique. This emulsion is then strained through a sieve (tea strainer) to remove all the coarser particles Add water about 3/4 th of the centrifuge tube in to the faecal material. CHECK that the amount of sediment is ~mLs. It takes advantage of the high specific gravity of protozoan cysts and helminth eggs compared to water Centrifuge at rpm (x g) forminutes. The amount of sediment can be adjusted at this stage. Thoroughly emulsify the faecal material.

 Difficulté Difficile

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