

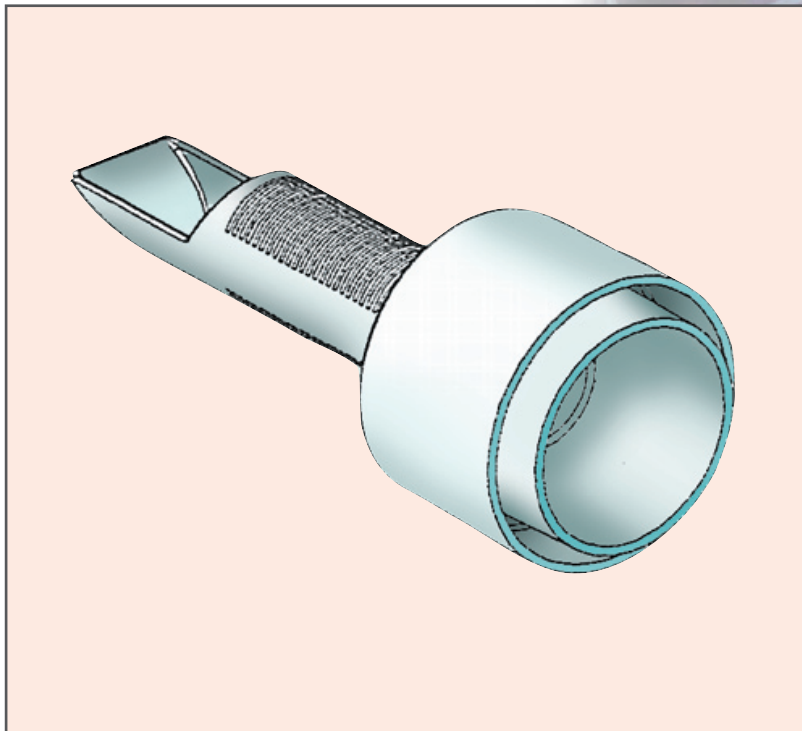
INSTRUCTION SHEET DYS003

Maxi Parasep[®]

Faecal Parasite Concentrator

For the clean and efficient concentration of:
Helminth ova and larvae
Protozoal cysts and oocysts

Single use device for in vitro diagnostic use only



Health and Safety Benefits

- **Totally enclosed/sealed process**
- **Reduced reagent volumes**
- **No cleaning required**
- **Single use, no sample contamination**
- **Ready to use systems available**

Performance Benefits

- **Optimum sample recovery**
- **Enhanced sample clarity**
- **Human resources optimised**
- **Easy patient identification**

Maxi Parasep® Faecal Parasite Concentrator

Introduction

Maxi Parasep is a rigid, single use separation filter for the concentration of intestinal parasites.

Principle

The filter allows for one step concentration with a simple operational procedure allowing for the stools to be collected outside the laboratory in the collection vial. The filter attaches onto most 30ml transport vials and 15ml and 50ml centrifuge tubes. Once the filter is connected to the collection vial the device is then sealed preventing operator exposure to biological and chemical hazards.

Test Procedure

1. Add to the 30ml collection vial 9ml of 10% Formalin Buffered Fixative and 3 drops of Triton x-100 (alternatively pipette 9ml of Sodium Acetate-Acetic Acid Formalin Solution (SAF)). (When using the 50ml centrifuge tube pipette 15ml of 10% Formalin Buffered Fixative and 8 drops of Triton x-100).

2. Introduce 1 spoonful of fresh faeces (2-3g) or if using preserved faeces add 3 spoonfuls (5-6g). Using the spoon on the end of the Maxi Parasep, into the collection vial. Seal the Maxi Parasep onto the collection vial ensuring that the Maxi Parasep is tightly attached to the vial.
3. Vortex or shake to emulsify with the 15ml centrifuge tube pointing upwards.
4. Invert the Maxi Parasep until the sample has sedimented through (if required, lightly tap the end of the centrifuge tube on a hard surface).
5. Unscrew the centrifuge tube from the Maxi Parasep (safely disposing of the Maxi Parasep filter thimble and collection vial) and add 3ml of ethyl acetate to the sample. (when using the 50ml centrifuge tube add 8ml of ethyl acetate to the sample).
6. Tightly screw on the centrifuge tube lid and centrifuge at 500g for 5 minutes.
7. Loosen the fatty plug and pour off the liquid above the supernatant.
8. Transfer the sediment for examination.

References

For further information on Faecal Parasitology Methods and identification, please consult the following texts;

1. 'Medical Microbiology' PR Murray, WL Drew, GS Kobayashi & JH Thomson. Mosby Books Inc., New York 1990.
2. 'Tropical Medicine and Parasitology' W.Peters & HM Gilles. Wolfe Medical Publications.
3. 'Atlas of Medical Helminthology and Protozoology' Jeffrey & Leach. E & S Livingstone Ltd.
4. 'Atlas of Human Parasitology' LR Ash and TC Orihel. ASCP Press, Chicago.
5. 'Diagnostic Medical Parasitology' LS Garcia & DA Bruckner. Elsevier Science Publishing Co. Inc.

6. 'Quality Control, Principles and Practice in the Microbiology Laboratory' JJS Snell, ID Farrell & C Roberts. Public Health Laboratory Service. ISBN 0 901 144 312.
7. 'Basic Laboratory Methods in Medical Parasitology' World Health Organisation. ISBN 92 4 154410 4.
8. 'Evaluation of the Parasep (faecal parasite concentrator)' M.Kettlehut, A.Moody, H.Edwards and PL Chiodini
9. 'Advances in Giardia Research' p211-213. University of Calgary Press.
10. 'Assessment of Parasep, a Novel Parasite egg retrieval system; use in faecal and waste water testing' K.L.Samways et al. presented to Royal Soc.Trop.Med.

Ordering Information

Product	Pack Size	Ordering Codes
Maxi Parasep (Filters only)	50	147000
Maxi Parasep (with 30ml Mixing Tube)	50	147001
Maxi Parasep (with 30ml Mixing Tube plus 15ml Tube)	50	147002
Maxi Parasep (with 30ml Mixing Tube plus 50ml Tube)	50	147003

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Unit 5, The Sapphire Centre, Fishponds Road, Wokingham,
Berkshire, RG41 2QL, England
Tel: +44 (0)118 9795 566 Fax: +44 (0)118 9795 186



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