

Midi Parasep® SF Faecal Parasite Concentrator

英文(原文)と和文に意味または文言に相違があった場合、英文(原文)を有効とする。

Sample Preparation

(予め固定液を含むMidi Parasep® SF の場合、1Dからスタート。)

■ Fresh samples ■

- 1A 蓋を回して外す。
- 1B 固定液 8.0 mL を加える。
- 1C 界面活性剤を 1 滴 (例: Triton X-100) をチャンバーに加える。
- 1D Mini Parasep® filter の先端スプーンを使い、豆粒大の糞便を採取し、完全に混ざるまで混和する。サンプルが堅い場合、先端スプーンではぐす。

■ Preserved samples ■

- ・サンプルを振とうまたはvortexで完全に混ざるまで混和する。
- ・サンプル 0.5 mL (=0.5 g) をMini Parasep® SF ミキシングチャンバーに移す。
- ・10%ホルマリン 7.5 mL + Triton X-100 2 滴を加える。

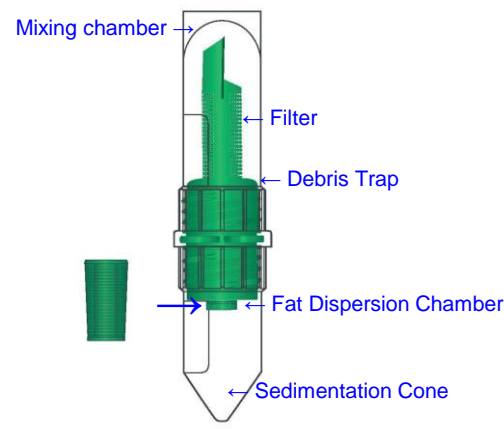
Emulsification

- 2 フィルター遠沈管部分をミキシングチャンバーにねじり込むようにして密封し、遠沈管部分を上向きにし、乳化するまで vortex または振とうする。

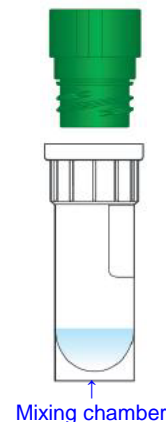
Centrifugation

- 3 Mini Parasep® を反転させて、遠心分離 (400 x g / 2 min) する。
(50 mL tube 用遠心ラックを使用)

Midi Parasep SF



1 Sample Preparation



2 Emulsification



3 Centrifugation



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Examination

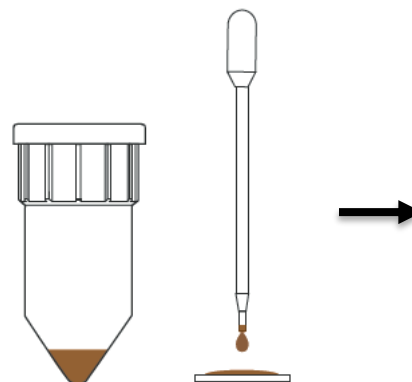
飛散らないようゆっくり開ける。

- 4A** 蓋を回して外し、filterとmixing tube 部分を破棄する。
- 4B** 沈査の上の上清を捨てる。
- 4C** 生食またはルゴールイオジン液を 1 滴スライド上に滴下する。
その上に沈査を 1 滴滴下し、サンプルを混和してカバーガラスで覆う。

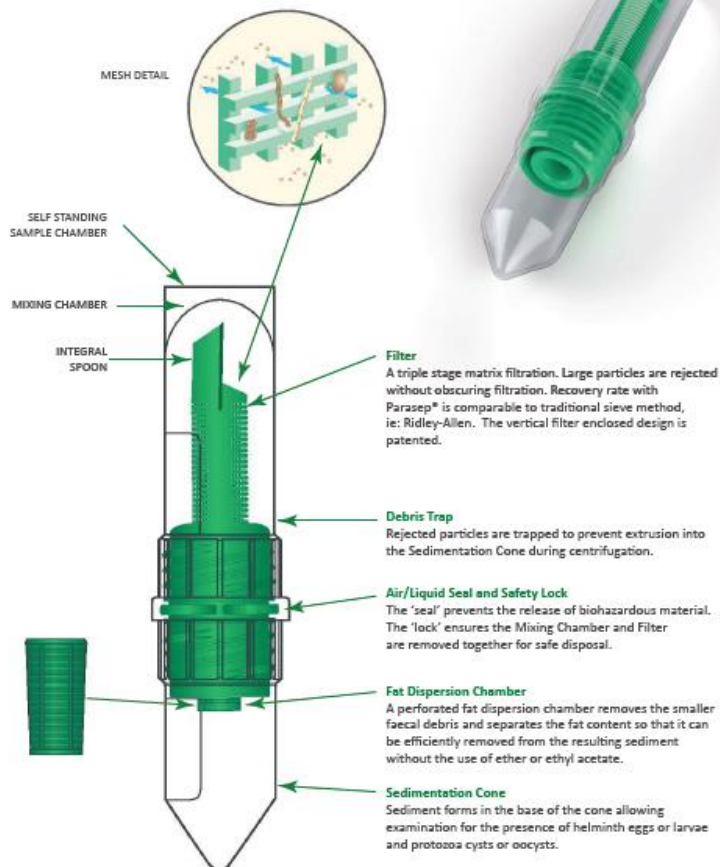
Product Information (concentrators)

Cat# 149910 Midi Parasep SF 8.0 mL w/ 10% FA + Triton X
Cat# 249330 Midi Parasep SF 8.0 mL w/ AlcorFix
Cat# 149900 Midi Parasep SF w/o fixative

4 Examination



FOR FAECAL CONCENTRATION OF HELMINTH OVA AND LARVAE / PROTOZOA CYSTS AND OOCYSTS



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
- Rapid four step process
- Human resources optimised
- Easy patient identification
- Fits all 50ml centrifuge buckets

PARASITOLOGY
SINGLE USE IN VITRO DIAGNOSTIC DEVICE

APACOR

Midi Parasep® SF
FAECAL PARASITE CONCENTRATOR



Midi Parasep® SF
FAECAL PARASITE CONCENTRATOR

Procedure

STEP 1 - SAMPLE PREPARATION

Preserved Samples

Shake or vortex the incoming preserved sample to thoroughly mix.

Transfer either 2ml (US Gold Standard) or 3ml (ARUP JCM) of the emulsified stool into the Midi Parasep® SF mixing chamber.

In the event of:

Thick Stool Samples—please add 10 drops of Apacor Triton X solution, then please enclose and vortex/shake to emulsify prior to transferring the sample;

Liquid Stool Samples—please add 4ml instead of 2ml or 3ml to ensure that a sediment is formed after centrifugation is performed.

STEP 2 - EMULSIFICATION

Seal the Midi Parasep® SF by screwing in the filter/sedimentation cone unit.

STEP 3 - CENTRIFUGATION

Invert Midi Parasep® SF and perform centrifugation at:

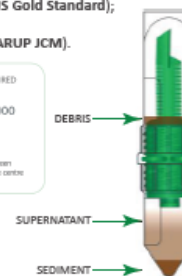
500g for ten minutes (US Gold Standard);

400g for two minutes (ARUP JCM).

NOTE: TO CALCULATE THE REQUIRED RPM FOR ANY CENTRIFUGE.

$$RPM = \sqrt{\frac{g}{1.12r}} \times 1000$$

RPM - rotor speed in rev/min
g - centrifugal force (max. 500g)
r - radius, horizontal distance between sedimentation cone tip and spindle centre measured in mm.



STEP 4 - EXAMINATION

Unscrew and discard the filter and mixing tube.

Decant the supernatant.

Transfer sediment to slide to perform examination where all temporary (Lugol's Iodine) and permanent staining techniques (Trichrome) can be conducted providing a universal fixative is used.

If a universal fixative is used in conjunction with this device, then molecular and EIA tests can be conducted from the sediment.

See label for storage conditions and expiry date. Please adhere to the following guidelines when handling Midi Parasep® SF. To avoid cross contamination the Midi Parasep® SF device should remain closed at all times except when introducing the sample or when retrieving the final concentrated sample for examination.

Midi Parasep® SF is available empty or reagent ready
Please ask for details

Products can be ordered direct from Apacor or from an appointed distributor
Visit our website for all the latest information www.apacor.com or email on: sales@apacor.com

UNIT 5 SAPHIRE CENTRE
FISHPONDS ROAD, WOKINGHAM
BERKSHIRE, RG41 2QL, ENGLAND
TEL: +44 (0)118 979 5566
FAX: +44 (0)118 979 5186

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