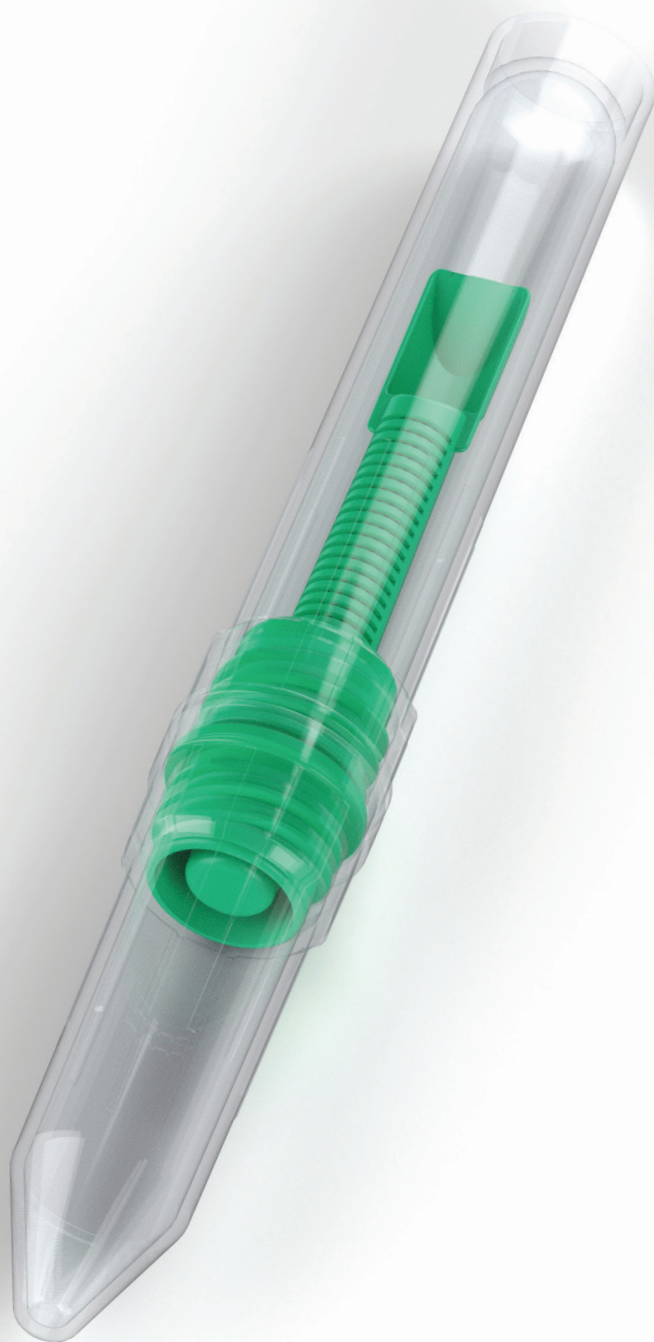


FOR FAECAL CONCENTRATION OF

HELMINTH OVA AND LARVAE / PROTOZOA CYSTS
AND OOCYSTS



APACOR

Mini Parasep[®] SF

SOLVENT FREE FAECAL PARASITE CONCENTRATOR



PARASITOLOGY

SINGLE USE IN VITRO DIAGNOSTIC DEVICE



SOLVENT FREE FAECAL PARASITE CONCENTRATOR

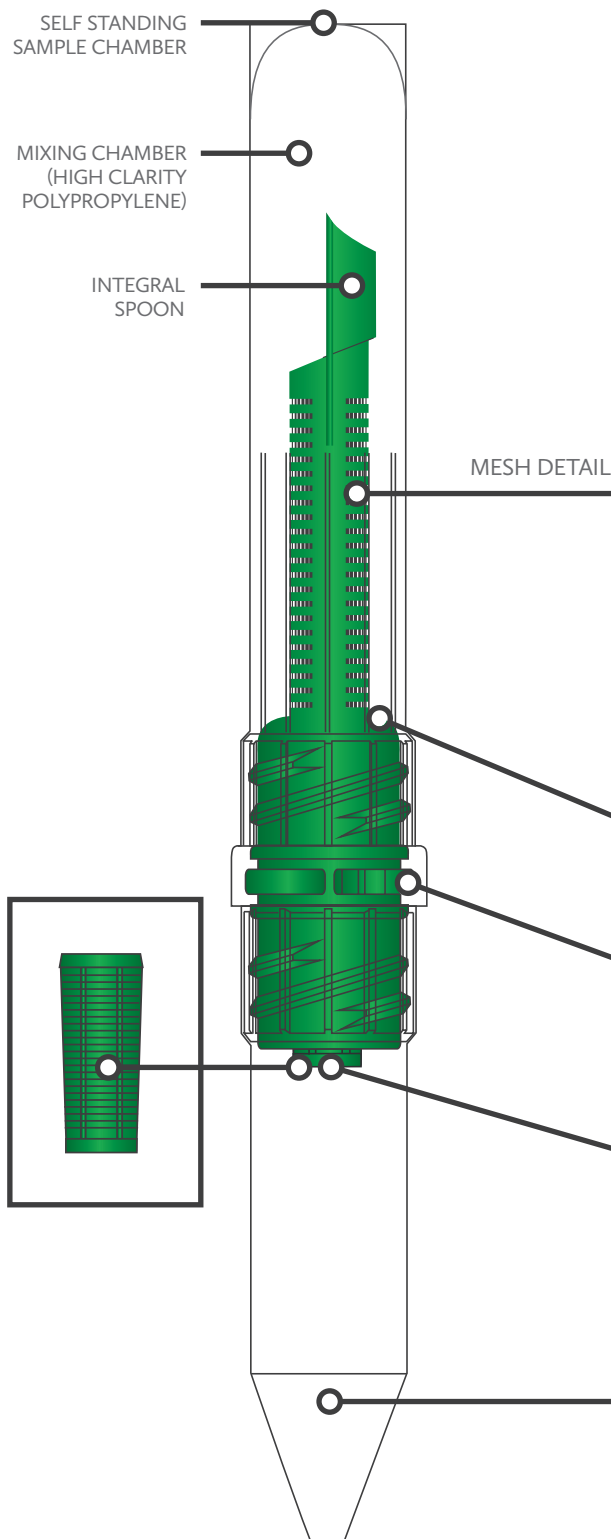
Mini Parasep® SF

Health and Safety Benefits

- Totally enclosed/sealed process
- Solvent free protocol
- Disposable device
- Single use, no sample contamination
- Ready to use systems available

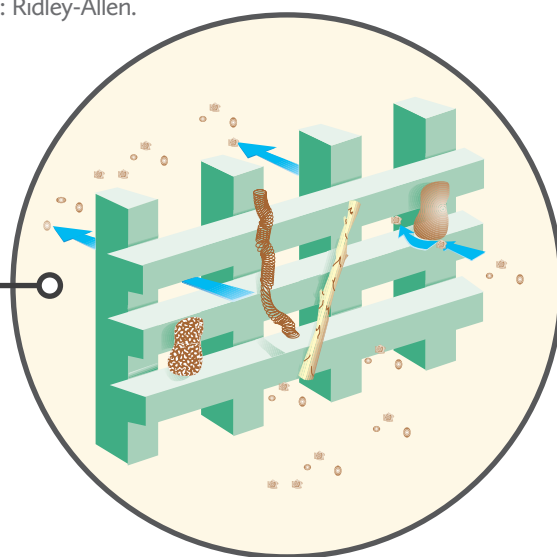
Performance Benefits

- Optimum sample recovery
- Enhanced sample clarity
- Rapid four step process
- Human resources optimised
- Easy patient identification



Patented Filter (High Density Polyethylene)

A two stage filtration matrix. Large particles are rejected without occluding the 425µm pores. Recovery rate with Parasep® is comparable to traditional sieve method, ie: Ridley-Allen.



Debris Trap

Rejected particles are trapped to prevent extrusion into the Sedimentation Cone during centrifugation.

Air/Liquid Seal and Safety Lock

The 'seal' prevents the release of biohazardous material. The 'lock' ensures the Mixing Chamber and Filter are removed together for safe disposal.

Fat Dispersion Chamber

A perforated fat dispersion chamber (EC Des.App.000512017) removes the smaller faecal debris and separates the fat content so that it can be efficiently removed from the resulting sediment without the use of ether or ethyl acetate.

Sedimentation Cone

Parasites are efficiently collected in the sedimentation cone during centrifugation and easily aspirated/ pipetted for microscopic examination.

Centrifuge Compatibility

Designed to fit all 15ml centrifuge buckets.

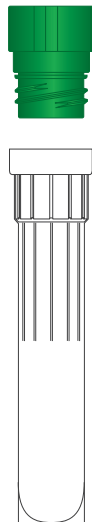
Procedure

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

STEP 1 - SAMPLE PREPARATION

Preserved Samples

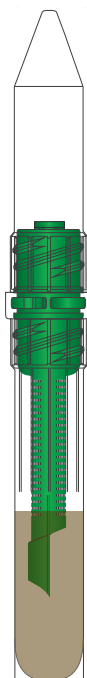
Transfer 3ml of the emulsified surfactant treated stool into the mixing chamber.



STEP 2 - EMULSIFICATION

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

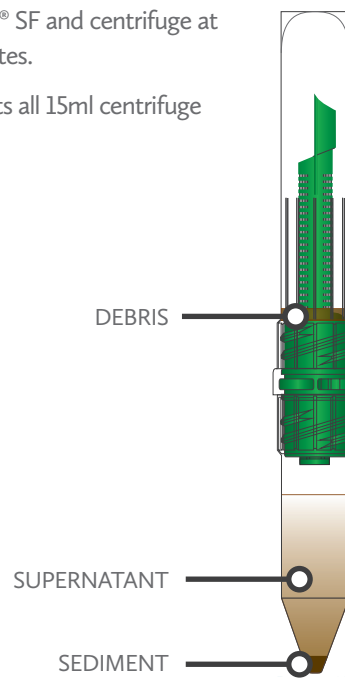
Vortex or shake to emulsify with the sedimentation cone pointing upwards.



STEP 3 - CENTRIFUGATION

Invert Mini Parasep® SF and centrifuge at 400g for two minutes.

Mini Parasep® SF fits all 15ml centrifuge buckets.



NOTE: TO CALCULATE THE REQUIRED RPM FOR ANY CENTRIFUGE.

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

RPM - rotor speed in revs/min.
g - centrifugal force (max. 1000g)
r - radius, horizontal distance between sedimentation cone tip and spindle centre measured in mm.

STEP 4 - EXAMINATION

Direct Method

Unscrew and discard the filter and mixing tube. Pour off all the liquid above the sediment.

From the resulting sediment you can conduct both wet mounts and permanent staining methods.

Pipette one drop of Saline or Iodine solution on a slide, add one drop of deposit to the Saline or Iodine, mix sample and cover with cover-slip.

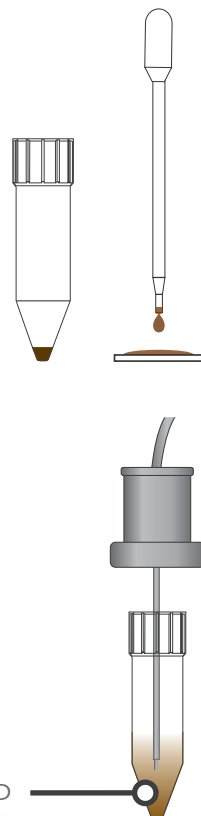
OR

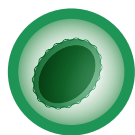
ParaSys™

Unscrew and discard the filter and mixing tube. Pour off all the liquid above the sediment.

Press 'Dilute' to add Saline to the sediment. Shake or vortex to re-suspend sample. Insert Aspirator into suspension and press SAMPLE to draw 100µl into the Paraslide™. (Refer to ParaSys™ instruction manual).

RE-SUSPENDED
SAMPLE





SOLVENT FREE FAECAL PARASITE CONCENTRATOR

Mini Parasep® SF

Ordering Information

MINI PARASEP® SF	STORAGE TEMP	PACK SIZE	VWR Cat No.
Mini Parasep® SF (Devices supplied without reagents)	4-35 °C	50	10048-676

Please refer to the product labelling and pack insert for details of the relevant hazard information.



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