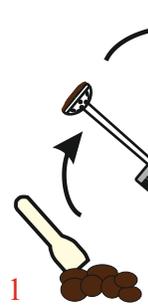


# FLOTATION METHOD WITH PARASITRAP<sup>®</sup> Flotation PLUS with BioFlot<sup>®</sup> for the human medicine

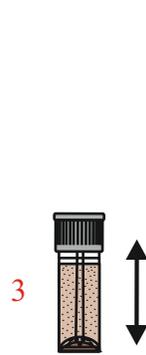
Shortly before  
starting the  
diagnostic procedure



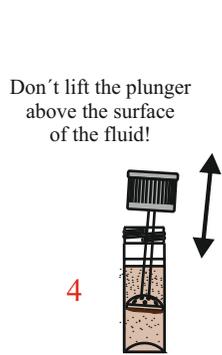
1 Stool samples are taken by using the plunger of Processing tube I (auxiliary device spoon). Don't overload the plunger (max. full to the brim).



2 Insert plunger carefully into the tube I



3 Close tightly the tube. The closed tube I should be shaken intensively several times.



Don't lift the plunger above the surface of the fluid!

4 If necessary, the stool suspension can be stirred with the plunger: you lift the screw cap and insert it quickly again until it touches the brim of the tube

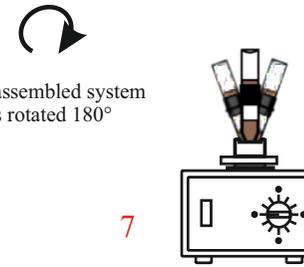


5 Remove the screw caps with the plunger

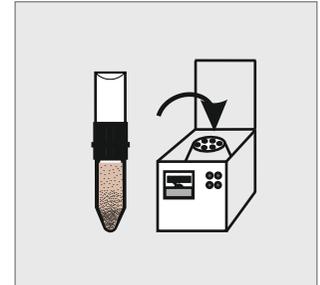


6 Screw the processing tube II with integrated filter system onto the processing tube I

The assembled system is rotated 180°



7 Mixed by shaker at max. rotary speed for approx. 10-15 sec. After that the sample in the upper vessel is transferred into the lower tube II by shaking in vertical direction (active fine filtration).  
If you have not shaker, shake it by hand for 30 sec.



In this processing phase a sedimentation step by centrifugation with a low centrifugal force (150-200g) can be used to remove the unwanted components before flotation.

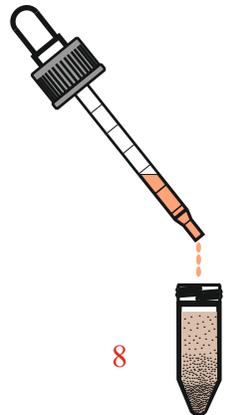
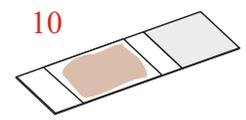
**Remark:** due to the previous active fine filtration with BioFlot<sup>®</sup> this step can be omitted in most cases.

7 Remove tube I and the filter piece.



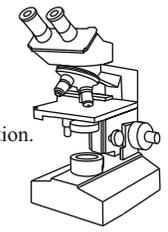
9 Wait 20-30 min. to concentrate parasites in the upper layer of meniscus (flotation step).

10 Alternative methods sampling the reverse meniscus added cover-slip or glass slide, take a loop, glass rod or fine pipette.



8 Tube II is filled with BioFlot<sup>®</sup> PLUS Medium to form a slight positive meniscus.

11 Microscopical examination.



## GENERAL NOTES

- The better the faecal suspension (step 2) the better the results.
- Condition for a successful examination is that the sample has to be fresh as possible.
- After starting step I, the examination should be finished in 60-120 min. (Distortions or alterations of morphology of parasites can occur).
- Enhance your chance for successful examination:
  - take samples for different parts of faecal material
  - examine sample from different days
  - two examinations are better than one
- Samples processed by two different diagnostic methods - flotation and sedimentation increasing qualitative and quantitative the number of detected parasites.
- Use cover glass min. size 24x36 mm (up to 24x60). Examine the cover-slip on the slide systematically and thoroughly.