

# Why is Biosepar ParasiTrap<sup>®</sup> your decision?

The Biosepar ParasiTrap<sup>®</sup> System for parasitological stool tests can be applied in the following fields:

## Human medicine

- General gastroenterological diagnosis, exclusion diagnosis
- Tropical medicine /tourism medicine
- Occupational medicine (employment and control check-ups, stay in the tropics for professional reasons)
- Development projects in the Third World
- Health offices; legally required, epidemicrelated hygienic examination
- Opportunistic infections in HIV-positive persons / AIDS patients (amoebae, cryptosporidia etc.)
- Environmental diagnostics (drinking and waste water control, playgrounds, parkgrounds)
- Medical-biological areas of research, epidemiological studies

## Veterinary medicine

- Livestock breeding (calf, beef and pig breeding and others)
- Keeping of domestic animals (dogs, cats and other domestic animals)
- Horse breeding (show jumpers and saddle horses, hobby breeders)
- State veterinary offices, slaughterhouses, preventive epidemic hygiene, environmental examinations in the case of epidemics
- Tropical veterinary medicine
- Development projects in the Third World (veterinary medicine, livestock breeding)
- Parasitological research, epidemiological studies
- Environmental diagnostics (drinking and waste water control, pastures, training grounds)

Comparison with other systems:

## Biosepar ParasiTrap<sup>®</sup>

- 1) fully standardized and reproducible
- 2) effective quality control in all steps
- 3) closed system  
(no odour and chemical emission)
- 4) excellent separation by active filtration
- 5) integrated stainless-steel filter system
- 6) best selection by small mesh sizes (225 µm)
- 7) loading, fixation and emulsifying  
= one easy step
- 8) first class emulsifying - best results
- 9) qualitative and quantitative detection of the parasites in one device
- 10) work process is at any time interruptible
- 11) ether-free
- 12) merthiolate-free

## Other systems

- 1) ---
- 2) ---
- 3) --- / only in few systems
- 4) --- / or uncompleted
- 5) --- / only plastic filter systems
- 6) wide mesh sizes (350-600 µm), bad selection
- 7) in different devices  
= three separated steps
- 8) seldom homogeneous emulsifying
- 9) --- / mostly qualitative  
quantitative detection = in different devices
- 10) different
- 11) contain ether (explosion danger!)
- 12) contain merthiolate (highly toxic mercury compound!)

**The Biosepar ParasiTrap<sup>®</sup> System has been designed in such a way that it is fully compatible with:**

Blood transport systems (in fact, sample transport tubes with stool samples fit into one container for standard blood tubes). Thus there are no extra postal costs

The new postal regulations (Europe)

The statutory and hygienic regulations

All laboratory centrifuges

Shakers, test tube racks and other laboratory equipment

The recommendations of the Expert Committee of the Federal Office of Health (BGA) in Berlin

The recommendations of the Center of Disease Control (CDC) in Atlanta (USA), WHO, Geneva

The recommendations of laboratory doctors, microbiologists, and infectious epidemiologists

(London School of Hygiene & Tropical Medicine, DGP German Society of Parasitology)

The recommendations of leading veterinary parasitological scientists

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