Rapid detection of soluble *Giardia duodenalis* cyst antigens

### Method
Immunochromatographic strip test

### Analysis:
Detection of *Giardia duodenalis* cysts

### Sample:
Faeces

### Preparation:
5 minutes

### Reading:
5 minutes

### Storage:
16 months at room temperature (2°C – 30°C)

### Presentation:
5 tests

### Reliability:
Compared with the reference method, laboratory ELISA:
- Sensitivity: 95.6%
- Specificity: 100%
- Detection threshold: 80 cysts/g of faeces (1)

### Advantages
- Speed *Giardia*™ can be used to detect the excretion of *Giardia* cysts in dogs, cats, and cattle, and thus implement a specific treatment programme from the onset of the very first signs.

  **Quick and easy** to perform, Speed *Giardia*™ can be performed during a consultation or visit in only 10 minutes.

  Speed *Giardia*™ can be stored for **16 months at room temperature**, between 2°C and 30°C.

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**Why use Speed *Giardia*™?**

*Giardiasis is a parasitic infection* caused by the colonization of the intestinal mucosa with *Giardia duodenalis*. This zoonosis affects dogs, cats, and calves. The adult hosts are healthy carriers.

Infestation of young animals, through the ingestion of cysts (in drinking water) leads to a maldigestion-malabsorption syndrome and growth retardation.

The prevalence of Giardia varies as a function of the host species:
- 6 to 33% of dogs are carriers (2)
- 4 to 14% of cats (2)
- 1 to 4% of diarrheic calves (3, 4)

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**When use Speed *Giardia*™?**
**In the young dog and cat**, Speed Giardia™ is recommended between 6 weeks and 5 months of age, especially in cases of **chronic and intermittent diarrhea that do not respond to classic antiparasitics**.

Speed Giardia™ is indicated in **older cats** in the event of **chronic diarrhea**. In **young calves, from 8 days to 6 months of age**, Speed Giardia™ can be used to identify the cause of diarrhea and growth retardation that are responsible for significant economic losses.

**Instructions for use**

**Bibliography**

(1) Internal study, BVT, on 75 dogs and cats.
(3) PITEL P.H. et coll.: Giardiose: une cause émergente d’entérite néonatale en France. Point Vétérinaire, 2003, 238