Vétoquinol

FECAL ANALYSIS

Fecal analysis as a part of the total program for internal parasite control is the topic of current discussions. Much of the interest is a result of a study at Kansas State University. University veterinary students participated in a comparison of various techniques. The results of this study have not been published in a refereed professional journal.

All successful analysis techniques are dependant on five main requirements:

1. Sample size: All require no less than 1 gram. The Fecalyzer system will collect 2 grams.
2. Sample consistency: It must be protected from dying and contamination. Our collection system offers ease of collect, protection, ease of identification and the flotation devise all in one easy to use container.
3. Timing: The sample must be evaluated while as fresh as possible. The collection system allows the client to collect the sample just prior the vet visit.
4. Solution: Fecasol has been proven through years of use and research to be effective for floatation of a wide range of ova. Standardized, filtered and guan teed at 1.20 sp gr it is the perfect medium for ova with sp gr ranging from 1.06 to 1.15[1] There is no requirement to mix a solution and periodically test it for the proper sp gr.
5. Incubation: Each method of evaluation depends on the proper amount of time for ova floatation or separation from the debris. The simplicity of the Fecalyzer system allows staging of multiple tests. The lab technician can process multiple samples and read the slides while they are fresh.

Dr. Ellis Greiner confirmed in 1997 the efficacy of Fecasol solution for flotation of the most common ova[2]. He additionally identified its benefit for Giardia flotation. The Fecalyzer system is quick, convenient, practical and proven. The recent suggestions for use of a centrifugation system fail to recognize the statistical similar results for identification of most ova.

The Fecalyzer system can be used even in those practices presently using the centrifugation techniques. The collection system is clean, convenient, and protects the sample from environmental influences. Fecasol solution is produced under strict cGMPs to ensure a consistent specific gravity. With the exception of a direct smear method every fecal analysis requires a flotation medium with a sp gr between 1.18 and 1.20.

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1. Byron Blagburn MS. PhD Auburn University, Comments on proper fecal analysis
2. Ellis C. Greiner, PhD, Comparison of the Efficacy of three Fecal Flotation Media, Veterinary Technician, April 1997.

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