

Veterinarian Exclusive

SUCCEED®

Equine Fecal Blood Test™



A BREAKTHROUGH IN EQUINE VETERINARY DIAGNOSTIC TOOLS

The SUCCEED® Equine Fecal Blood Test™ (FBT) is a simple, stall-side screen test that provides veterinarians with reliable, objective data to aid their differential diagnosis of GI tract conditions in horses. The FBT detects the presence of occult equine albumin and hemoglobin in fresh fecal matter as an indication of pathological conditions in the foregut, the hindgut or both.



The Power of Albumin and Hemoglobin

Because albumin and hemoglobin transit the GI tract differently, they represent valuable markers to help differentiate foregut from hindgut conditions.

- **Hemoglobin** will transit the entire digestive tract intact, and is only present with whole blood. Thus, hemoglobin in feces indicates a bleeding lesion anywhere in the GI tract.
- **Albumin** is digested by stomach acids and enzymes in the small intestine, and may be present at the site of injury that is not producing whole blood (i.e., a "weeping" lesion or inflammation).

Thus, albumin in feces indicates conditions caudal to the common bile duct or, generally, in the hindgut.

Taken together, the two parts of the SUCCEED FBT provide an indication of GI tract conditions, including their general location. The FBT is extremely accurate, affordable, quick and easy to use.

Kit Contents

Each FBT includes one complete test for one horse, including a plastic jar, dual test cassette, sample pipette, polyethylene glove and instruction sheet. Test requires contents of kit plus clean tap water (approximately 3 ounces) and a fresh fecal sample from one horse.

Administering the Test

Loosely drop fecal matter from the subject horse into the test kit jar, filling to the sample line. Add clean tap water to the water line on the jar. Close jar lid and shake vigorously. Draw liquid from the jar using the provided pipette, and apply two drops on each well of the colorimetric FBT test cassette. Wait up to 15 minutes for color lines to appear, and read results.

Reading Test Results

The two parts of the FBT provide the following 2x2 matrix of possible results to interpret:

		Albumin Test	
		Negative	Positive
Hemoglobin Test	Negative	No GI tract blood components detected. Compromised basement membrane possible in foregut.	GI tract issue detected in hindgut. Compromised basement membrane possible in foregut.
	Positive	Active vascular bleeding in foregut.	GI tract issue detected in hindgut. Active vascular bleeding possible in foregut, hindgut or both.

Recommended Storage

Keep product refrigerated when not in use.

Test Reliability

In water, the sensitivity of the test is 2 parts per million (ppm) for albumin and 0.1 ppm for hemoglobin, based on whole blood equivalents. When either protein exceeds its cutoff value, a red line shows up in its window. The upper limits of the tests are 2 ppm for albumin and 100 ppb for hemoglobin.

For more information on the research and data supporting the accuracy of the test, visit www.SucceedFBT.com/data.

Available to veterinarians through major veterinary supply distributors in the U.S. and Canada.

Packaging

Available in two pack sizes: cartons of 10 kits, or in packs of 2 kits. Case quantity is 40 test kits, consisting of 4 cartons of 10. (Each carton of 10 contains 5 2-packs.)

Benefits to the Practice

- Accurate, objective data about bleeding in the GI tract makes diagnosis faster and more accurate.
- Differentiation between foregut and hindgut pathologies leads to more targeted and effective treatments.
- Quick, stall-side screening of GI tract conditions guides further diagnostic methods and may help avoid more costly or more invasive procedures.
- Identifying GI tract pathologies before they become symptomatic is part of an effective wellness program.
- Non-invasive. May be administered immediately, with results visible in 15 minutes or less.
- Confirming the presence of pathologies in the GI tract may help explain some behavioral or performance issues.

Diagnostic Applications

- As the basis of applying the scientific method for diagnosing GI tract conditions in symptomatic horses.
- As part of a standard work-up to assess the overall health of an asymptomatic horse.
- For monitoring GI tract bleeding post-surgery
- As part of pre-purchase exams.
- For confirmation of a preliminary diagnosis.
- To monitor results of GI tract treatment.

The Breakthrough

- Previously, there was no effective fecal blood test for horses. (Fecal occult blood tests – FOBT – developed for humans based on guaiac stain are confounded by chlorophyll.)
- SUCCEED FBT uses antibodies specific to equine hemoglobin and albumin to detect these blood components in fecal matter and is not confounded by chlorophyll or other non-equine blood.

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