

VET ONLY

SUCCEED®

Equine Fecal Blood Test™



A BREAKTHROUGH IN EQUINE VETERINARY DIAGNOSTIC TOOLS

The SUCCEED® Equine Fecal Blood Test (FBT) is a simple, stall-side 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 equine albumin and haemoglobin in fresh fecal matter as an indication of pathological conditions in the foregut, the hindgut or both.

The Power of Albumin and Haemoglobin

Because albumin and haemoglobin transit the GI tract differently, they represent valuable markers for the differentiation of foregut from hindgut conditions.

- **Haemoglobin** will transit the entire digestive tract intact, and is only present with whole blood. Thus, haemoglobin in feces indicates a severe, bleeding lesion (i.e., grade 2 or higher) 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 weeping lesions. Thus, albumin in feces indicates hindgut conditions, and may reflect a less severe injury (i.e., grade 1 or higher).

Taken together, the two parts of the SUCCEED FBT provide an indication of GI tract conditions, including their relative severity and 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 90ml) and 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 colour 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
Haemoglobin 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 haemoglobin, 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 haemoglobin.

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

For more information on SUCCEED[®] Equine Fecal Blood Test[®], visit www.SucceedFBT.com.au, contact your local Business Account Manager or Provet Customer Service Team.

Packaging

Sold in packs of 10. Case quantity is 4 packs of 10, or 40 test kits total.

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 behavioural 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 haemoglobin 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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