

SUCCEED®

Equine Fecal Blood Test™



A breakthrough in equine GI health diagnostics.

Digestive tract conditions have serious consequences for both horses and their owners. A revolutionary diagnostic aid – the new and improved SUCCEED® Equine Fecal Blood Test™ (FBT) – helps practitioners identify GI tract conditions in their clients' horses easily, quickly and affordably.

The SUCCEED FBT is a rapid field test, using purified antibodies targeted to equine albumin and hemoglobin to produce a highly specific and sensitive reaction. It has been calibrated to detect these blood components at levels exceeding baseline bleeding, consistent with a disease condition. By placing a few drops of diluted fecal matter in each test well on the FBT, the presence of albumin and hemoglobin are detected within minutes, and a differential diagnosis can be made immediately, at the point of care.

The SUCCEED FBT is available from veterinary supply distributors.



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Contents

Each FBT includes one test for one horse, including a plastic container, dual test cassette, sample pipette, polyethylene glove and instruction sheet. (A disposable desiccant pouch is also included for moisture.) Test requires contents of kit plus tap water (approx. 3 ounces) and fresh fecal sample from one horse.

Intended Use

The SUCCEED FBT is a qualitative lateral-flow rapid test, using purified antibodies specific to equine albumin (Test A) and hemoglobin (Test H). Detecting albumin in a fecal sample is indicative of a GI tract lesion at a point caudal to the common bile duct (i.e., hindgut). Detection of hemoglobin in a fecal sample is indicative of a lesion anywhere along the GI tract.

The SUCCEED FBT is for veterinary use only, for use as a diagnostic aid. Practitioners can use the SUCCEED FBT as part of their diagnosis, in conjunction with gastric endoscopy, gross observation and blood work. The test is designed to be conducted at point of care, with results appearing within minutes.

Test Accuracy

To validate and calibrate the SUCCEED FBT, test results were compared with visual observations of gastric and colonic tissue samples from 86 equine cadavers post-necropsy. Test A (albumin) was compared to colonic lesions grade 1 or higher, while Test H (hemoglobin) was compared to lesions grade 2 or higher (where whole blood was visible) in both the stomach and colon. Results are as follows:

N = 86	Test A (Colonic)	Test H (Full GI Tract)
Sensitivity	83%	75%
Specificity	73%	87%
Predictive Value Pos.	95%	96%
P-value	.03	.02

This study shows that the FBT is a reliable test for both gastric and colonic lesions, and can help differentiate the two. Note that equine GI lesions – including petechiation and parasite pits – may bleed slightly or intermittently, so FBT results may be negative even when a disease is present. Because blood may be non-uniformly distributed in a fecal sample, positive readings may occasionally be obtained from healthy horses. As with any fecal blood test, SUCCEED FBT is not a conclusive diagnostic for gastrointestinal bleeding or pathology; it should be employed only as an aid to diagnosis.

Packaging

SUCCEED FBT is available in cartons of ten and each test kit is packaged for individual sale.

Applications

Given the unreliable nature of symptoms as a diagnostic, practitioners are encouraged to test all of their clients' horses on a regular schedule. Regular testing is especially important for horses used in performance, or where their care, feeding and general husbandry are less than ideal for digestive health, including intermittent feeding, high grain processed feed diets, confinement in stalls, etc.

Other applications include post-GI tract surgery (to determine when blood loss has ceased), and as part of pre-purchase exam.

Precautions

- For veterinary use only.
- For in vitro diagnostic use.
- Do not use after expiration date, printed on the cassette.
- Use only a fresh fecal sample (ideally less than 4 hours old). Keep specimen clear of any potential contaminants. Use only the provided plastic container to collect and mix the fecal sample.

Patient Considerations

- Check horse for signs of external bleeding where blood may be introduced to the digestive tract, particularly around the mouth.
- Avoid testing horses within 48 hours of racing, especially those prone to bleeding (i.e., exercise induced pulmonary hemorrhage) where horse may swallow blood.
- Avoid testing horses within 48 hours of having their teeth floated.
- Avoid testing mares during ovulation or immediately post-partum, where bleeding may be present.

Recommended Storage

- Product may be safely shipped throughout the year, and safely used in temperatures between 5° C and 30° C (40° F to 85° F).
- Store in original packaging in temperatures below 27° C (80° F). Keep out of direct sunlight or heat sources.

Manufactured and Distributed by:
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Made in USA

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