

FeedChek™ is a simple, highly sensitive lateral flow test for the detection of meat and bone meal in feed and feed ingredients.

FeedChek™ Test for Meat and Bone Meal (MBM) is designed to detect the presence of meat and bone meal (MBM) in animal feed. Currently, the use of mammalian-derived MBM in cattle feed is prohibited or highly regulated in most countries due to its potential to spread Bovine Spongiform Encephalopathy (BSE). As a precautionary measure, some regions have restricted the use of MBM from any animal species in ruminant feeds. In order to accommodate user-specific requirements, the FeedChek Test for MBM incorporates 2 tests into one test strip. One test line indicates the presence of any MBM (avian and mammal) in the sample and the second test line indicates the presence of mammalian MBM in the sample. FeedChek has a 15-second extraction process and provides results in ten minutes. No laboratory equipment is needed to perform the test.

How FeedChek works

The feed sample is added to buffer solution in a sample cup. The cup is capped and shaken for 15 seconds to extract the target protein from the sample. The lateral flow strip is then placed into the sample cup and results are read in ten minutes. The FeedChek lateral flow test is an immunoassay, which employs a unique combination of anti-MBM antibodies conjugated to red-colored particles and coated on the surface of a membrane. The lateral flow membrane contains one control line and two test lines. One test line is specific for mammalian MBM, and the other test line is specific for mammalian and avian MBM. The presence of only one line (control line) on the membrane indicates a negative sample. The presence of 2 lines indicates that the sample is positive for MBM. The presence of 3 lines indicates that the sample is positive for mammalian MBM.

Test Sensitivity

The test was validated using a variety of finished feeds (mixed grain, pelleted, or milled) representative of calf, dairy, and beef cattle feeding programs. These feeds varied in crude protein content, crude fiber content, mineral content, and were either medicated or unmedicated depending on their specific application. The test detects 0.1% (w/w) MBM and 1% (w/w) mammalian-MBM in animal feeds.

Applications

FeedChek works with both raw materials and finished feed.

Packaging

FeedChek is available in kits of 20 tests. All materials to perform the assay are included in the kit.



FeedChek™ gives you a simple, affordable test for both raw material and finished feed.



Strategic Diagnostics Inc.
www.sdix.com

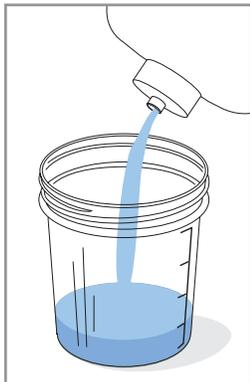


Meat & Bone Meal Quick Reference

Read the user's guide instructions completely before performing any test.

1

Pour extraction buffer into a sample cup to the one-ounce line.



2

Add feed sample. If necessary, use wooden stick to break up feed.



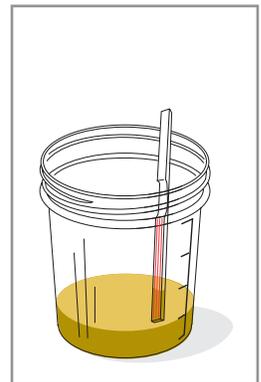
3

Cap sample and shake for 15 seconds.



4

Place one Test Strip into the cup, arrows pointed down.



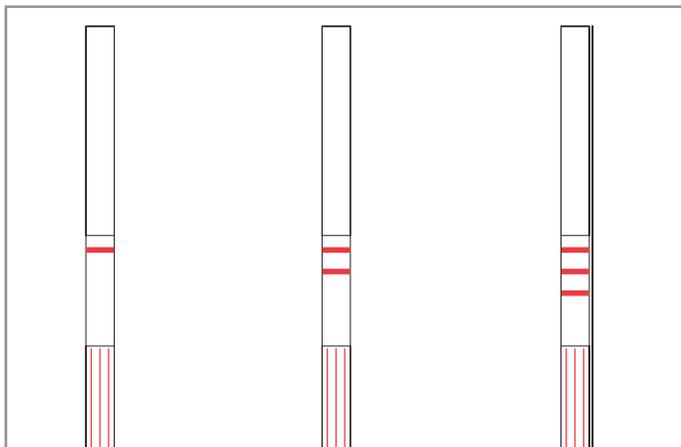
5

After 10 minutes, read result.

Negative
No MBM

Positive
> 0.1% MBM
< 1% Mammal

Positive
> 0.1% MBM
> 1% Mammal



Ordering Information

FeedChek™ Test Kit for MBM
(20 tests)
Part # 7000201

How to contact us
Phone: 1-800-544-8881
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