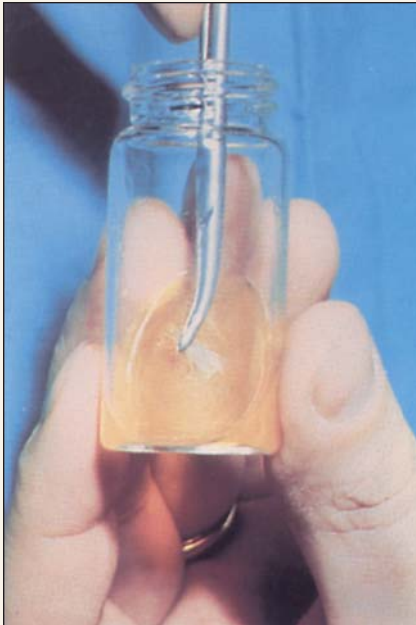
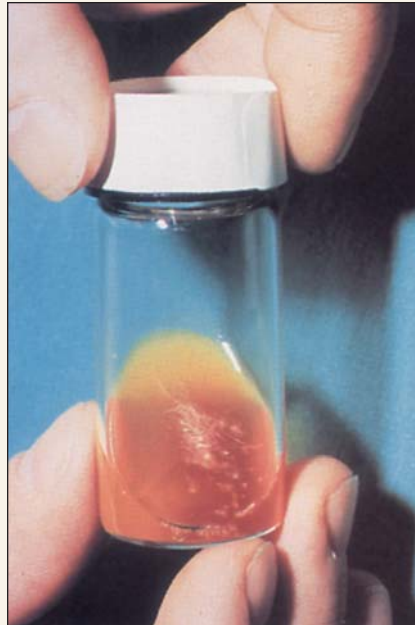


A culture medium that provides a simple and practical method for confirming diagnosis of dermatophyte infections.



Inoculate



Incubate



Evaluate

FUNGASSAY[®]

Dermatophyte Test Medium

Fast - A culture medium that provides the veterinarian with a simple, rapid and practical method for confirming diagnosis of dermatophyte infections.

Easy - The test is based on a color change within the medium from amber to red. The change is caused by the growth of pathogenic fungi, such as *Microsporum* and *Trichophyton* species. These fungi cause most of the dermatomycoses in veterinary medicine.

Convenient - Ready-to-use diagnostic test medium for culture of dermatophytic fungi. No preparation of medium necessary. 10 vials in a ready-to-use package.

Accurate - Visual color change in medium for accurate, easy identification.

Evaluation - Can begin as early as 48 hours after inoculation.

FUNGASSAY®

Dermatophyte Test Medium



Microsporium gypseum at 14 days.



Microsporium canis at 14 days.



Trichophyton mentagrophytes at 14 days.

Indications: FUNGASSAY® Dermatophyte Test Medium is a culture medium that provides a simple, rapid and practical method for confirming dermatophyte infections. The test is based on a color change within the medium caused by the growth of pathogenic fungi. Nearly all dermatomycoses seen in veterinary practice are due to *Microsporium* and *Trichophyton* infections. When hair or scales infected with these fungi are placed on FUNGASSAY® Dermatophyte Test Medium, growth of the organisms will cause the medium to change from amber to red.

Evaluation of Test Results: Evaluation of the test results can begin as early as 48 hours after inoculation. A pinkish color will appear in the amber medium under the specimen and developing colony. The color will intensify as growth proceeds and is due to alkaline metabolites produced by the dermatophytes. When a positive dermatophyte infection is present, the entire medium will turn red by the seventh to fourteenth day. If there is no growth within 10 days, redistribute the sample on the medium. Occasionally growth does not occur because of improper inoculation. A color change may occasionally be produced by a specimen heavily contaminated with saprophytic fungi or bacteria.

However, this is not a problem because differentiation from dermatophytes can be made as follows:

Dermatophyte: A color change appears in the medium with colony growth. Colony pigments are usually light colored.

Saprophyte Fungi: Colony growth is well established before any color change appears in the medium. Colony pigments are usually dark colored.

Bacteria: The morphology of bacterial colonies differs from the morphology of fungal colonies.

Precautions: Refrigerate FUNGASSAY® Dermatophyte Test Medium for optimum storage. Warming to room temperature before using is not necessary.

Destroy the used FUNGASSAY® Dermatophyte Test Medium bottle by incineration to eliminate spread of all organisms.

How Supplied: 10 vials kit.

Available Exclusively from Synbiotics

SYNBIOTICS
CORPORATION

11011 Via Frontera, San Diego, CA 92127
800-228-4305
www.synbiotics.com

Common Dermatophytes in Veterinary Practice:

CATS

M. + canis

DOGS

M. canis

M. gypseum

T. ++ mentagrophytes

+ *Microsporium*, ++ *Trichophyton*

CATTLE

T. verrucosum

SWINE

M. nanum

HORSES

M. gypseum

T. equinum

MONKEYS

M. canis

T. Mentagrophytes

LABORATORY

RODENTS

M. gypseum

T. mentagrophytes