

HOW TO USE IN-HOUSE RINGWORM FOR TESTING



For Educational Purposes only. Not all the products shown in this PDF are supplied by Sensor Health Sciences. Please check with your purchasing group.

WHY IN-HOUSE TESTING



Save MONEY and TIME – results in as little as 3-7 days!

Improve client relationship with lower cost options.

Up to 15 month shelf life with refrigeration for our in-house ringworm products. Longer shelf life is due to our proprietary bags used to individually wrap the plates.

No incubator required! All tests run at room temperature.

Reduce risk of false positives/negatives when compared to sending out to a lab. Maintain control of the environment to reduce exposure to harmful temperature extremes and possible contaminants.
Test over the weekend when labs are closed!

We offer FREE assistance with interpretation of results 7 days a week with access to our microbiologist!

Simply e-mail a photo of your result you are unsure of to info@sensorhealth.com for assistance.

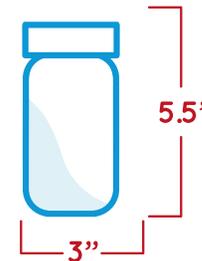
FUNGASENSE™



DTM Agar wider than competitive vials (24mm). DTM (Dermatophyte Test Medium) agar produces a distinctive red colour change with a positive growth

**Test performed at room temperature
Results in as little as 3-7 days.
Up to 15 month expiry when refrigerated
for all ringworm tests.**

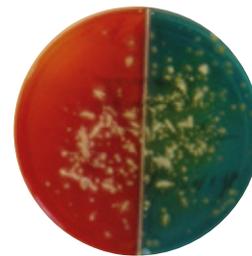
Economical & convenient in-house testing. 10 vials per box.



RW2™

RW2™ duo-dermatophyte culture system is **quickly becoming the standard in ringworm testing.**

This plate combines the advantages of DTM and the distinctive red colour change of the media with the enhanced sporulation and the visual pigmentation of the ESA.



Positive result



Negative result

DUOSAB™



The DuoSab™ combines both DTM and the conventional Sabouraud Dextrose Agar.

Sabouraud Dextrose Agar (SDA) is a non-selective agar that provides the classical non-pigmented colour and morphology of the suspected dermatophyte. It contains no antibiotics or inhibitors. SDA contains nutrients to enhance the growth of both fungus and yeast sp.

HOW TO COLLECT SPECIMENS

1

It is very important that specimens are properly collected to ensure successful culturing.

2

If skin is contaminated, gently clean the suspected lesion with soap and water or a gauze pad soaked in 70% alcohol. Allow the site to dry.

3

Collect specimen from the periphery of the lesion using clean forceps.

4

Collect hair and skin in the direction of hair growth to capture hair bulbs as well.

5

Use a clean toothbrush to collect samples from large lesions, collecting from the most active lesion last to avoid diluting the sample.

6

Hairs fluorescing under a Wood's lamp make optimal collection samples.

PROCEDURE

1

Have a plate ready, warmed to room temperature.

2

Inoculate by gently imbedding the sample into the agar, careful not to go too deep as this may cause the agar to crack.

3

Replace the lid and place in an inverted position with date facing up, into a dark space, at room temperature (a dark cupboard is perfect).

SIGNS OF GROWTH



Begin checking your plate for signs of growth and colour change of the media at 48-72 hours post inoculation.



Most results are apparent within 7-10 days, but we recommend keeping the plates up to 14 days, especially if no growth is seen by day 10.



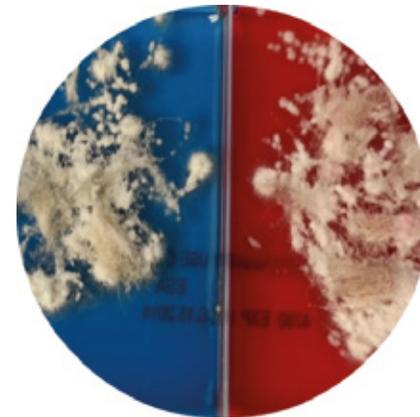
Continue monitoring twice daily and noting any changes.

WHAT DOES A POSITIVE LOOK LIKE



As you note any media colour change and growths, make sure you take note of whether the growth and colour change happened simultaneously or not.

For a POSITIVE, look for a complete agar colour change SIMULTANEOUS with a white, fluffy growth. If you have one without the other, it is unlikely to be positive for a ringworm species.



Here we see an obvious positive on a RW2™ plate

NEGATIVE for ringworm



In both examples here, we see growth, and some of it is white and fluffy, where we have a slight colour change of the DTM. However, this plate is 14 days post inoculation. There is a mouldy look to the growth and a lack of complete or simultaneous colour change makes this a negative result. Also notice the complete lack of colour change of the ESA in both examples.

POSITIVE on our RW2™ plate



Note the obvious colour change, with white fluffy growth.

*NOTE that our RW2™ plates no longer come in the rectangular design, but have been updated to the round design to serve you better.

RW2 IN-HOUSE TESTING CHART

Name: _____

Sample used: _____

Info: _____

Date: ____/____/____

	Colour YES/NO	Growth YES/NO	Staff Init	Notes
Day 3				
Day 4				
Day 5				
Day 6				
Day 7				
Day 8*				
Day 9				
Day 10				
Day 11				
Day 12				
Day 13				
Day 14				

*Do not go past day 8 unless the animal has been shampooed or treated for RW.



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**NOW INCLUDED IN EVERY BOX FOR
EASY CHARTING INTERPRETATION
(ENGLISH/FRENCH)**

I HAVE A RESULT, BUT I'M NOT SURE OF

First, let us assure you that it is VERY easy to learn and distinguish positives from negatives, but if ever you are unsure, we offer FREE assistance 7 days a week.

Simply e-mail a photo to

INFO@SENSORHEALTH.COM

with a brief description of the sample:

- How long has it been since the plate was inoculated?
 - Did the growth and colour change occur simultaneously?
- Any other relevant information that can help us best assist you.

INTERPRETATION

For a complete list of which ringworm species have been proven to grow and produce a colour change within each media, refer to the instruction insert within each box of ringworm plates.

Contaminating organisms can sometimes produce a colour change of the media, and we do recommend verifying all results by microscopic examination.



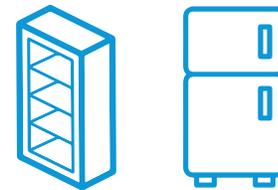
RESULT ARE EASY TO READ

STORAGE

Plates should be refrigerated for storage, in their original boxes and packaging, with the lid side down.

NEVER FREEZE the plates.

If left at room temperature, use within 90 days or by the expiration date, whichever comes first. Always allow plates to warm to room temperature prior to inoculating.



LONG STORAGE LIFE

WHY ARE OUR PLATES DIFFERENT THAN OUR COMPETITORS?

As active members of the veterinary community, we are at the forefront of diagnostic products in order to obtain better medical solutions for the care of small and large animals; guaranteeing their quality of life.



Our chromogenic plates are unique in the industry for easier identification. We also accommodate free access to a microbiologist for assistance.



Perfect for scientific and academic research. We offer free samples to teaching institutions.



Sensor Health also supplies some of the tools for in-house antibiotic sensitivity testing.



Each box of AgarSense™ culture plates come with free disposable inoculating loops and colour charge.



SENSOR HEALTH

SCIENCES VETERINARY



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