

INSTRUCTIONS FOR USE



■ Parasite Suspensions in Formalin

INTENDED USE

Microbiologics Parasite Suspensions support quality assurance programs by serving as quality control challenges containing specific parasitic populations of known characteristics. These samples support formal quality assurance programs by serving as quality control challenges, to document personnel's proficiency when performing procedures and to properly interpret microscopic test results. Microbiologics Parasite Suspensions may also be used for teaching purposes in an educational setting.

SUMMARY & EXPLANATION

These types of samples are typically used for educational purposes, or for testing the proficiency of personnel in identifying and testing for particular organisms.

PRINCIPLES

This product is intended to be used in one, or more, of the following techniques depending on the characteristics of the organism:

- Immunoassay for the detection of antigens
- Wet mount microscopy to observe morphological characteristics of the organism
- Acid-Fast staining to observe staining and morphological characteristics of the organism

COMPOSITION

- Parasites (See catalog or website: www.microbiologics.com for specific details about each parasite)
- Fecal material
- Formalin solution, neutral buffered, 10%



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WARNINGS AND PRECAUTIONS

DANGER. Toxic if swallowed. Toxic if inhaled. Potential cancer hazard.

- For in vitro diagnostic use only.
- For professional use only.
- See MSDS, located on the Microbiologics website www.microbiologics.com, for complete precautions and safety instructions.
- Do not handle until all safety precautions have been read and understood.
- Use personal protective equipment as required. Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth.
- If exposed or concerned: Get medical advice/attention.
- Causes skin irritation. Wash hands thoroughly after handling.
- May cause an allergic skin reaction.
- May cause damage to organs.
- Contaminated work clothing should not be allowed out of the workplace.
- Causes serious eye irritation. IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- May cause respiratory irritation. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area.
- Do not eat, drink or smoke when using this product.
- Though these suspensions contain fixed, non-viable organisms, for the safety of all personnel they should be handled as if they contain biohazard material.
- The laboratory must be equipped to, and have the facilities to receive, process, maintain, store, and dispose of biohazard material.
- All Microbiologics products and packaging are latex free.

INSTRUCTIONS FOR MIXING

The sample shall be mixed by vigorous shaking by hand, or by vortexing.

STORAGE AND EXPIRATION

The Parasite Suspensions should be stored at room temperature, but will not be compromised by refrigerated storage. If the Parasite Suspensions have been refrigerated, allow to warm to room temperature before use.

Store in a well ventilated place. Keep container tightly closed. Store locked up.

The expiration date of these products is two years from the date of manufacture.

The Parasite Suspensions should not be used if:

- They are stored improperly.
- The expiration date has passed

Comply with state and local regulations for disposal of this product.

INSTRUCTIONS FOR USE _____

These samples can be used for wet mounts, antigen detection, and Acid-Fast staining.

For all procedures:

1. Thoroughly mix the suspension by vigorously shaking or vortexing.
2. Allow the suspension to settle for 5-10 minutes before use in any testing procedure.
3. Carefully insert a pipette into the bottom of the vial and remove a single drop for testing.
4. Consult laboratory SOPs, or stain, or kit manufacturer instructions for testing procedures.

MATERIAL AND EQUIPMENT REQUIRED BUT NOT PROVIDED _____

- Timer
- Transfer pipettes
- Any other materials specified by the SOP or kit being used

QUALITY CONTROL _____

Consult laboratory SOP or manufacturer instructions for quality control needs.

LIMITATIONS _____

This product may not be suitable for use with all kits and procedures. Please see kit manufacturer instructions for sample details. For professional use only.

MICROBIOLOGICAL STATE _____

This sample contains fixed, non-viable organisms.

KEY OF SYMBOLS

	Batch Code (Lot)
	Health Hazard
	Reference Catalog
	Attention, see instructions for use
	Refer to Instructions For Use
	In Vitro Diagnostic Medical Device
	Manufacturer
	Temperature Limitation
	Use By
	Acute toxicity
	CE Mark
	Authorized Representative in the European Community

PRODUCT WARRANTY

These products are warranted to meet the specifications and performance printed and illustrated in product inserts, instructions, and supportive literature. The warranty, expressed or implied, is limited when:

1. The procedures employed in the laboratory are contrary to printed and illustrated directions and instructions.
2. The products are employed for applications other than the intended use cited in product inserts, instructions, and supportive literature.

REFERENCES

1. Ash, L.R., and Orihel, T.C. Atlas of Human Parasitology- 2nd Ed. (American Society of Clinical Pathologists, 1984)
2. Garcia, L.S. A Practical Guide to Diagnostic Parasitology (ASM Press, 2009)

WEBSITE

Visit our website for current technical information and product availability.

www.microbiologics.com

ACKNOWLEDGEMENTS



Microbiologics, Inc.
200 Cooper Avenue North
St. Cloud, MN 56303 USA

Customer Service

Tel. 320-253-1640
Toll Free. 800-599-BUGS (2847)
Email. info@microbiologics.com

Technical Support

Tel. 320-229-7045
US Toll Free. 866-286-6691
Email. techsupport@microbiologics.com
www.microbiologics.com

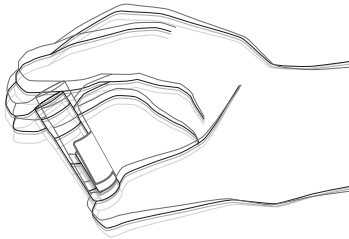


MediMark® Europe
11, rue Emile Zola B.P. 2332
38033 Grenoble Cedex 2, France
Tel. 33 (0)4 76 86 43 22
Fax. 33 (0)4 76 17 19 82
E-post. info@medimark-europe.com

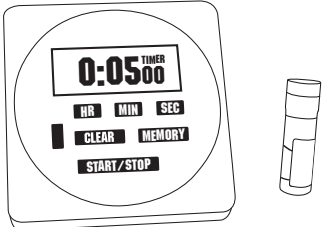
PARASITE SUSPENSIONS

ILLUSTRATED INSTRUCTIONS

1 Thoroughly mix the suspension by vigorously shaking or vortexing.

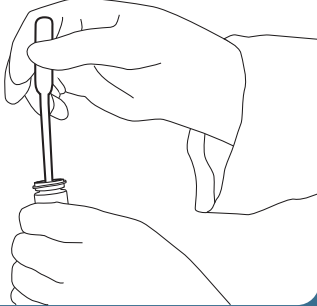
A line drawing showing a hand holding a vial and shaking it vigorously. The vial is tilted, and the hand is positioned to shake it.

2 Allow the suspension to settle for 5-10 minutes before use in any testing procedure.

A line drawing of a digital timer and a vial. The timer has a display showing '0:0500' and buttons for 'HR', 'MIN', 'SEC', 'CLEAR', 'MEMORY', and 'START/STOP'. The vial is standing upright next to the timer.

3 Carefully insert a pipette into the bottom of the vial and remove a single drop for testing.

Consult laboratory SOPs, stain, or kit manufacturer instructions for testing procedures.

A line drawing showing a hand holding a pipette and drawing liquid from a vial. The pipette is inserted into the vial, and the hand is positioned to draw the liquid.

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