

ZeptoMetrix®

***Chlamydomonas reinhardtii* Z500; IOL207,
titered (1 EA)**

Catalog Number:
0804392

PRODUCT DESCRIPTION:

Each frozen aliquot contains 0.25 mL of *Chlamydomonas reinhardtii* that were propagated in a monolayer of Hep2 cells. The titer is in Chlamydial inclusion forming units (IFU) and is a measure of the infectivity of the material. The inclusions were quantified by direct immunofluorescence. The culture was frozen in sucrose-phosphate-glutamate buffer. This material is partially purified and may contain human cells. To maintain viability, it is recommended to make any dilution of the *C. reinhardtii* with the diluent buffer provided with the material.

INTENDED USE:

Live, titered microorganisms can be used to determine a limit of detection (LOD), in diagnostic assay development or cross-reactivity studies. When used as a control for nucleic acid tests, the same protocols as those used to amplify clinical specimens should be employed.

BIOSAFETY:

C. reinhardtii is a biosafety level 2 microorganism and must be used within Biological Safety Level 2 facility or cabinet. Please consult your institution's regulations regarding the use of this organism. For a detailed discussion on biological safety see the current edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), published by the CDC.

PRECAUTIONS:

- Use Universal Precautions, this organism is **potentially biohazardous**.
- Repetitive freezing and thawing is not recommended (aliquot material if necessary). Titer will be altered by a single freeze-thaw.
- To avoid cross-contamination, use separate pipette tips for all reagents.








RECOMMENDED STORAGE:

Titered material should be stored at -65°C or below.

DO NOT USE IN HUMANS. FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

These products are intended for research, product development, or quality assurance. These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.

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Revision: 02
Effective Date: 08/18/2022

	Catalog Number		Temperature Limitation
	Batch Code		Date of Manufacture
	For Research Use Only		Biological Risk
	Manufacturer		

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This product was manufactured in a facility which has a Quality Management System that is ISO 13485 certified.

PCA# 22-308
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