

Certificate of Analysis

Name: Giardia Lamblia Cysts

Product Code: NAT41660-100 / NAT41660-500

Batch #: 23120417

Date of Manufacture: 05-DEC-2023

Product Description: Giardia lamblia cysts were purified from the faeces of experimentally infected gerbils using density gradient centrifugation and repeated washing.

Strain/Isolate: H3

Inactivation: The product has been heat inactivated at 80°C for 20 minutes. This exceeds the temperature required to completely inactivate Giardia cysts¹. It should be handled with appropriate safety precautions for biological materials.

Amount: 2×10^5 cysts (approx. 0.1 mg, 0.1ml) / 1×10^6 cysts (approx. 0.5 mg, 0.5 ml); *where dry weight of 2×10^6 cysts is estimated to be 1.0 mg.*

Presentation: Liquid

Buffer: Phosphate buffered saline pH 7.4

Usage Guidelines

Short Term Storage: -80°C

Long Term Storage: -80°C

General: Mix by vortexing

Freezing: Can be frozen, but avoid multiple freeze-thaw cycles.

¹ Fayer R. Effect of high temperature on infectivity of Cryptosporidium parvum oocysts in water. Appl Environ Microbiol. 1994;60(8):2732-2735. doi:10.1128/aem.60.8.2732-2735.1994

23/07/2024

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