

# EndoGrade<sup>®</sup> Glass Test Tubes

112 endotoxin-free borosilicate glass tubes with aluminium screw cap

# Package Insert EndoGrade<sup>®</sup> Glass Test Tubes

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## 1. General Information

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### 1.1 Intended Use

**Intended use** EndoGrade® Glass Test Tubes are intended for dilution and aliquotation of endotoxin standard concentrations and test samples. EndoGrade® Glass Test Tubes have a stand-alone ability due to a plain edge and allow for convenient endotoxin-free pipetting ideal for usage with endotoxin detection assays such as EndoLISA® and EndoZyme®.

### 1.2 Specifications

**Material** EndoGrade® Glass Test Tubes are made from borosilicate glass and aluminium screw caps which are depyrogenated by a dry heat depyrogenation procedure.

**Endotoxin content** EndoGrade® Glass Test Tubes are certified to contain less than 0.005 EU/mL of endotoxin. The endotoxin level is determined following overnight incubation with 1 mL water free of detectable levels of endotoxin.

## 2. Components

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**Quantity** 112 glass test tubes per packaging unit

**Volume** 5 mL

**Dimensions** Height: 50 mm; Outer glass diameter: 16.1 mm; Wall thickness: 0.95 mm

## 3. Warnings and Precautions

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**Warning** For professional use only. To avoid loss of sample, always keep EndoGrade® Glass Test Tubes upright.

**Endotoxin-free conditions** When testing for endotoxin, all materials used, such as containers or pipette tips, must be free of detectable levels of endotoxin. For preparing sample and standard dilutions, borosilicate glass test tubes are recommended, since endotoxin may adhere to other surfaces, such as hydrophobic plastic surfaces.

## 4. Storage and Preparation

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**Storage** Store EndoGrade® Glass Test Tubes at 15 to 25°C.

**Preparation** EndoGrade® Glass Test Tubes are ready to use.

**Re-usability** EndoGrade® Glass Test Tubes are re-usable. For re-usage, rinse the test tube and the aluminium cap three times manually with ultrapure water. After the washing procedure, dry the test tube and close the tube with the aluminium screw cap. To ensure endotoxin-free conditions, bake (heat) the test tube at 200°C for at least 4 hours.

## 5. Waste Disposal

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Unused tubes may be considered as non hazardous waste and disposed of accordingly. Dispose of used reagents as well as any other contaminated disposable materials following procedures for infectious or potentially infectious products. It is the responsibility of each laboratory to handle waste and effluents produced according to their nature and degree of hazardousness and to treat and dispose of them (or have them treated and disposed of) in accordance with any applicable regulations.








## 6. Quality Control

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EndoGrade® Glass Test Tubes have been designed and developed to meet the strictest quality requirements. The results of quality control are given on the quality control certificate available from our website ([www.hyglos.com](http://www.hyglos.com)).

## 7. Index of Symbols and Abbreviation

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| Symbol  | Meaning                      |
|---|------------------------------|
|  | Catalog number               |
|  | Manufacturer                 |
|  | Date of manufacture          |
|  | Temperature limit            |
|  | Use by date                  |
|  | Batch code                   |
|  | Consult Instructions for Use |

### Abbreviations used:

EU                      Endotoxin Unit (1 EU corresponds to 0.1 ng LPS (FDA RSE *E. coli* O113 EC-6))

## 8. Limited Warranty

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Hyglos / bioMérieux warrants the performance of the product for its stated intended use provided that all procedures for usage, storage and handling, shelf life (when applicable), and precautions are strictly followed as detailed in the instructions for use (IFU).

Except as expressly set forth above, Hyglos / bioMérieux hereby disclaims all warranties, including any implied warranties of merchantability and fitness for a particular purpose or use, and disclaims all liability, whether direct, indirect or consequential, for any use of the reagent, software, instrument and disposables (the "System") other than as set forth in the IFU.

## 9. Revision History

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### Change type categories :

|                  |   |
|------------------|---|
| N/A              | Not applicable (First publication)                                      |
| Correction       | Correction of documentation anomalies                                   |
| Technical change | Addition, revision and/or removal of information related to the product |
| Administrative   | Implementation of non-technical changes noticeable to the user          |

*Minor typographical, grammar, and formatting changes are not included in the revision history.*

| Release date | Part Number | Change Type    | Change Summary           |
|--------------|-------------|----------------|--------------------------|
| 2017/02      | 900284 V2.0 | Administrative | All – change of template |

Example Version

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