MicroQuant™ Microbial Examination of Nonsterile Products: Tests for Specified Microorganisms Panel

MQ-62™

Description

The MicroQuant™ Microbial Examination of Nonsterile Products: Tests for Specified Microorganisms Panel comprises the six microbial challenge organisms cited in United States Pharmacopeia chapter 62 (USP <62>) for use in evaluating the presence or absence of objectionable microorganisms in nonsterile pharmaceutical products. Each component is provided as a pack containing 5 vials of cryopreserved pellets (100 to 1,000 CFU per vial, supporting 10 assays per vial) and 5 vials of rehydration buffer. This panel is provided at a 20% discount as compared to purchasing the individual strains separately.

Components:

MicroQuant™ *Candida albicans*, low CFU (ATCC 10231-LQ-PACK)
MicroQuant™ *Pseudomonas paraeruginosa*, low CFU (ATCC 9027-LQ-PACK)
MicroQuant™ *Staphylococcus aureus* subsp. *aureus*, low CFU (ATCC 6538-LQ-PACK)
MicroQuant™ *Escherichia coli*, low CFU (ATCC 8739-LQ-PACK)
MicroQuant™ *Salmonella enterica*, low CFU (ATCC 14028-LQ-PACK)
MicroQuant™ *Clostridium sporogenes*, low CFU (ATCC 19404-LQ-PACK)

Shipping information: Six components each provided as a pack of 5 vials of cryopreserved pellets and 5 vials of rehydration buffer, comprising 70 vials in total.

Storage Conditions

Storage conditions: 2°C to 8°C

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Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

Reference material produced under an ISO 17034 accredited process.

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

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Quality Control Specifications

Specification range: 100 to 1,000 CFU per vial (10-100 CFU per 100 µL), supporting 10 assays per pellet

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: MicroQuant™ Microbial Examination of Nonsterile Products: Tests for Specified Microorganisms Panel (ATCC MQ-62)

References

References and other information relating to this material are available at www.atcc.org.

Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

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