

# PRODUCT SPOTLIGHT

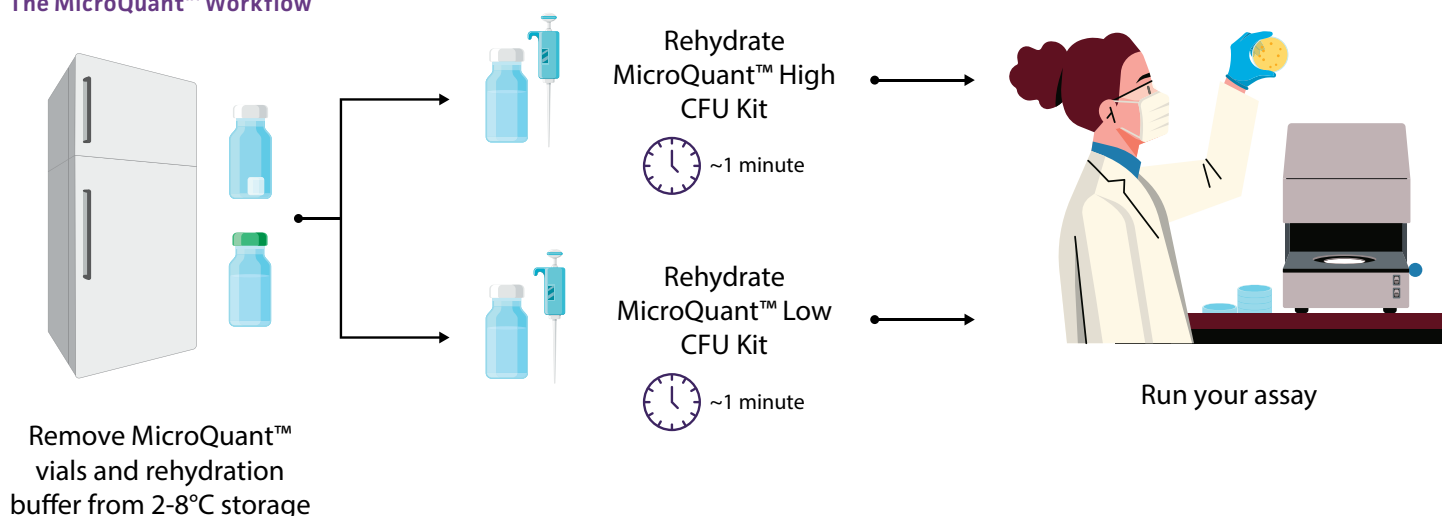
## MicroQuant™ by ATCC

### Precision in every pellet, trust in every test

MicroQuant™ is ATCC's new product line of precisely quantitated microbial reference materials designed to streamline microbial quality control testing in pharmaceutical manufacturing. These best-in-class controls are provided as stable, rapidly rehydrating pellets that deliver consistent quantitation and accurate, reproducible results—addressing the key challenges faced by microbial testing laboratories.

- Precisely quantitated in high-titer ( $10^7$  to  $10^8$  CFU per vial) and low-titer (100 to 1,000 CFU per vial; 10 assays) formats to meet USP General Chapter requirements
- Ready-to-use format enables fast assay setup and reduces the need for special handling
- Immediate rehydration at room temperature to reduce hands-on time
- Stable in refrigerator temperatures for 6-12 months for easy storage (a freezer is not needed)
- Manufactured by ATCC under ISO 17034, and provided at passage 0
- Use of ATCC's MicroQuant™ products are subjected to a limited label license and the ATCC Material Transfer Agreement

#### The MicroQuant™ Workflow



MicroQuant™ controls enable you to streamline your workflow from days to minutes, allowing you to perform accurate and reproducible microbial quality control testing in a fraction of the time.

**Table 1: ATCC® MicroQuant™ products**

| ATCC® No.                        | Description                                                              | Quantitation (CFU/vial)          | Availability  |
|----------------------------------|--------------------------------------------------------------------------|----------------------------------|---------------|
| <a href="#">16404-LQ-PACK™</a>   | MicroQuant™ <i>Aspergillus brasiliensis</i> , low CFU                    | 100-1,000                        | Available now |
| <a href="#">16404-HQ-PACK™</a>   | MicroQuant™ <i>Aspergillus brasiliensis</i> , high CFU                   | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">6633-LQ-PACK™</a>    | MicroQuant™ <i>Bacillus spizizenii</i> , low CFU                         | 100-1,000                        | Available now |
| <a href="#">6633-HQ-PACK™</a>    | MicroQuant™ <i>Bacillus spizizenii</i> , high CFU                        | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">19659-LQ-PACK™</a>   | MicroQuant™ <i>Bacillus subtilis</i> , low CFU                           | 100-1,000                        | Available now |
| <a href="#">19659-HQ-PACK™</a>   | MicroQuant™ <i>Bacillus subtilis</i> , high CFU                          | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">BAA-245-LQ-PACK™</a> | MicroQuant™ <i>Burkholderia cenocepacia</i> , low CFU                    | 100-1,000                        | Available now |
| <a href="#">BAA-245-HQ-PACK™</a> | MicroQuant™ <i>Burkholderia cenocepacia</i> , high CFU                   | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">25416-LQ-PACK™</a>   | MicroQuant™ <i>Burkholderia cepacia</i> , low CFU                        | 100-1,000                        | Available now |
| <a href="#">25416-HQ-PACK™</a>   | MicroQuant™ <i>Burkholderia cepacia</i> , high CFU                       | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">BAA-247-LQ-PACK™</a> | MicroQuant™ <i>Burkholderia multivorans</i> , low CFU                    | 100-1,000                        | Available now |
| <a href="#">BAA-247-HQ-PACK™</a> | MicroQuant™ <i>Burkholderia multivorans</i> , high CFU                   | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">10231-LQ-PACK™</a>   | MicroQuant™ <i>Candida albicans</i> , low CFU                            | 100-1,000                        | Available now |
| <a href="#">10231-HQ-PACK™</a>   | MicroQuant™ <i>Candida albicans</i> , high CFU                           | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">11437-LQ-PACK™</a>   | MicroQuant™ <i>Clostridium sporogenes</i> , low CFU                      | 100-1,000                        | Available now |
| <a href="#">19404-LQ-PACK™</a>   | MicroQuant™ <i>Clostridium sporogenes</i> , low CFU                      | 100-1,000                        | Available now |
| <a href="#">19404-HQ-PACK™</a>   | MicroQuant™ <i>Clostridium sporogenes</i> , high CFU                     | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">11827-LQ-PACK™</a>   | MicroQuant™ <i>Cutibacterium acnes</i> , low CFU                         | 100-1,000                        | Available now |
| <a href="#">11827-HQ-PACK™</a>   | MicroQuant™ <i>Cutibacterium acnes</i> , high CFU                        | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">8739-LQ-PACK™</a>    | MicroQuant™ <i>Escherichia coli</i> , low CFU                            | 100-1,000                        | Available now |
| <a href="#">8739-HQ-PACK™</a>    | MicroQuant™ <i>Escherichia coli</i> , high CFU                           | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">11229-LQ-PACK™</a>   | MicroQuant™ <i>Escherichia coli</i> , low CFU                            | 100-1,000                        | Available now |
| <a href="#">11229-HQ-PACK™</a>   | MicroQuant™ <i>Escherichia coli</i> , high CFU                           | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">10106-LQ-PACK™</a>   | MicroQuant™ <i>Penicillium chrysogenum</i> , low CFU                     | 100-1,000                        | Available now |
| <a href="#">10106-HQ-PACK™</a>   | MicroQuant™ <i>Penicillium chrysogenum</i> , high CFU                    | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">11709-LQ-PACK™</a>   | MicroQuant™ <i>Penicillium rubens</i> , low CFU                          | 100-1,000                        | Available now |
| <a href="#">11709-HQ-PACK™</a>   | MicroQuant™ <i>Penicillium rubens</i> , high CFU                         | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">15442-LQ-PACK™</a>   | MicroQuant™ <i>Pseudomonas aeruginosa</i> , low CFU                      | 100-1,000                        | Available now |
| <a href="#">15442-HQ-PACK™</a>   | MicroQuant™ <i>Pseudomonas aeruginosa</i> , high CFU                     | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">9027-LQ-PACK™</a>    | MicroQuant™ <i>Pseudomonas paraeruginosa</i> , low CFU                   | 100-1,000                        | Available now |
| <a href="#">9027-HQ-PACK™</a>    | MicroQuant™ <i>Pseudomonas paraeruginosa</i> , high CFU                  | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">14028-LQ-PACK™</a>   | MicroQuant™ <i>Salmonella enterica</i> , low CFU                         | 100-1,000                        | Available now |
| <a href="#">14028-HQ-PACK™</a>   | MicroQuant™ <i>Salmonella enterica</i> , high CFU                        | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |
| <a href="#">6538-LQ-PACK™</a>    | MicroQuant™ <i>Staphylococcus aureus</i> subsp. <i>aureus</i> , low CFU  | 100-1,000                        | Available now |
| <a href="#">6538-HQ-PACK™</a>    | MicroQuant™ <i>Staphylococcus aureus</i> subsp. <i>aureus</i> , high CFU | 10 <sup>7</sup> -10 <sup>8</sup> | Available now |

**Table 2: ATCC® MicroQuant™ panels**

| ATCC® No.              | Description                                                                                                   |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| <a href="#">MQ-51™</a> | MicroQuant™ Antimicrobial Effectiveness Panel                                                                 |
| <a href="#">MQ-60™</a> | MicroQuant™ Microbial Examination of Nonsterile Products: Tests for <i>Burkholderia cepacia</i> Complex Panel |
| <a href="#">MQ-61™</a> | MicroQuant™ Microbial Examination of Nonsterile Products Panel                                                |
| <a href="#">MQ-62™</a> | MicroQuant™ Microbial Examination of Nonsterile Products: Tests for Specified Microorganisms Panel            |
| <a href="#">MQ-71™</a> | MicroQuant™ Sterility Tests Panel                                                                             |

Learn more about MicroQuant™ at [www.atcc.org/MicroQuant](http://www.atcc.org/MicroQuant)

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