

# microbiology services



Microbial assays involve a variety of tests – from determination of the numbers and types of organisms naturally present on a product to the assessment of controlled environments. With our comprehensive menu of microbiology services, WuXi AppTec provides testing across the product development life cycle and beyond: R&D and screening, in-process release and validations, and finished product delivery.

## Endotoxin Testing

- Kinetic chromogenic
- Kinetic turbidimetric
- Gel clot

*Determining the reduction of endotoxin contamination is key to proving your production processes are under control and your products are suitable for lot release.*

## Bioburden Testing

- Aerobic counts
- Anaerobic counts
- Fungi/mold counts
- Pore counts
- Recovery efficiency validation
- Selective tests to isolate organisms of interest

*The type of bioburden testing that should be performed depends on the information that is needed.*

## Controlled Environment Testing

- Growth and enumeration of air, surface and water samples
- Growth and enumeration of water coliforms
- Sampling materials and equipment for testing your critical environments

*Our scientists can help you manage your entire microbial environmental sampling program.*

## Growth Promotion

- USP <61> method
- USP <71> method
- Additional organisms available to fit your needs.

*Prepared media must be tested for its ability to support microbial growth prior to use for testing.*

## Microbial Identification

- ABI 3130 Genetic Analyzer
- BioMerieux VITEK® 2 system
- DuPont RiboPrinter® system

*WuXi AppTec performs microbial identification and characterization in-house using a number of techniques.*

## Sterility Testing

- Biological indicators
- Suitability testing (B/F)
- Total immersion
- Membrane filtration
- Rinse method

*Product sterility testing is typically performed either as a routine lot release test to monitor product after sterilization or as part of validation programs. Our sterility menu includes methods that comply with ANSI/AAMI/ISO, and USP for solid materials, tissues, fluid path devices, and liquids.*

*Talk to us and find out how our microbiology testing services can work for you.*

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Expert Solutions for Product Development