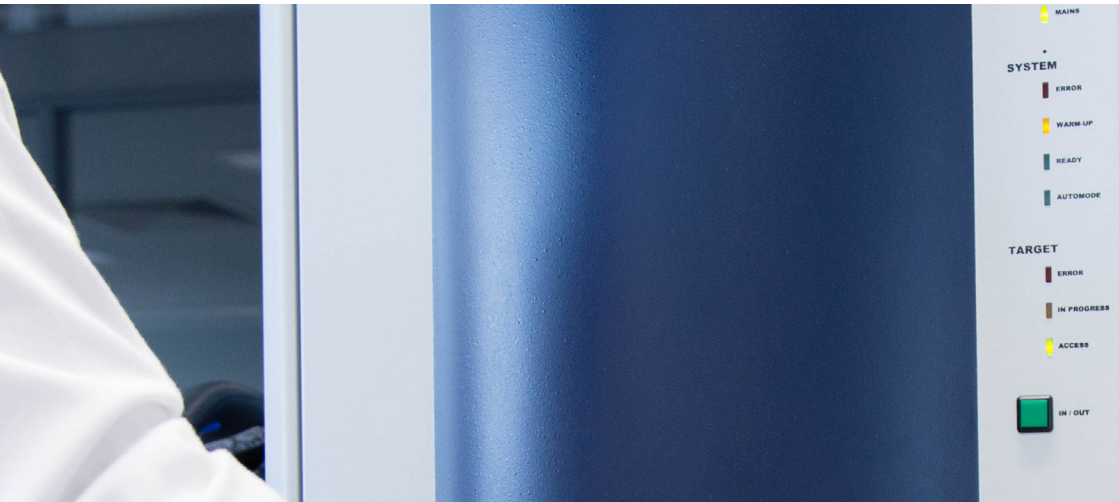


MALDI-ToF Confirmation of Microorganisms

Including Legionella, Listeria & Salmonella

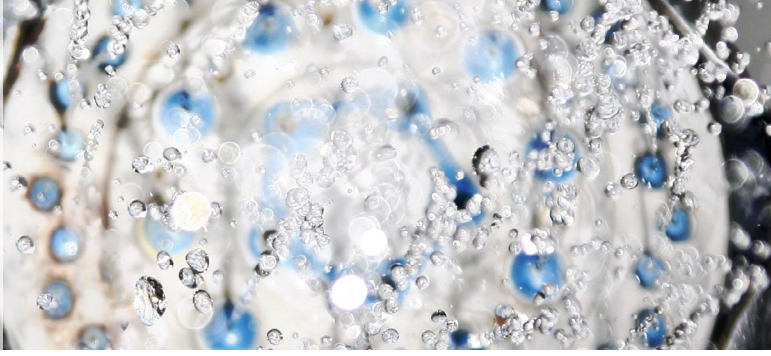


Advanced technology, faster results.



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NATA Accredited MALDI-ToF Detection

With time being extremely important in microbiology, the need for near-instantaneous analysis has never been greater. Receive results of microbiological testing including *Listeria*, *Salmonella* and *Legionella* confirmation sooner with MALDI-ToF MS identification system at Symbio Laboratories.



What is MALDI-ToF?

- Matrix-Assisted Laser Desorption/Ionization Time of Flight, or MALDI-ToF, is a method of mass spectrometry used to identify microorganisms based on their set of proteins.
- MALDI-ToF allows fast taxonomical identification of microorganism in minutes, rather than days when using manual methods.

MALDI-ToF detection benefits

Receive confirmation of presumptive results faster:

- Same day *Legionella* confirmation, saving 3 days in comparison with biochemical confirmation methods.
- Faster turnaround time for confirmation of *Salmonella* and *Listeria* (24 hours from presumptive result).
- Microorganism identification within minutes down to the species level.

NATA accredited MALDI-ToF identification allows Symbio Laboratories to provide clients with the accurate analysis they require to ensure faster product release, brand protection and health of consumers.

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