

---

## A Case Study for Qualification of a MALDI-TOF System for use in a Two-Tiered Approach to Microbial Identification

---

By **Frank E. Matos and Jennifer Reyes** Sep 30, 2015 7:00 am PDT

The MALDI-TOF is a rapid identification system that identifies microorganisms by creating a finger print of highly abundant proteins that is compared to a library of known species to produce an identification result to the genus or species level. A comprehensive and well-structured Laboratory Equipment Qualification Program (LEQ) facilitated the qualification and implementation of a MALDI-TOF unit for use together with a genotypic system in a two tier approach for microbial identification in a high volume pharmaceutical microbiology laboratory.

---

**Source URL:** <http://www.ivtnetwork.com/article/case-study-qualification-maldi-tof-system-use-two-tiered-approach-microbial-identification>