

REVOLUTIONARY GEN III

Biolog's 3rd Generation identification technology with breakthrough advantages.

- NO Gram stain
- NO pre-tests & NO follow-on tests
- One panel for both GN & GP bacteria
- One minute setup
- 1568 species coverage



THE BIG BREAKTHROUGH is the new redox chemistry which enables testing of gram negative and gram positive bacteria in the same test panel. Gram stain and other pre-tests are no longer needed. You proceed directly to a one minute setup protocol - Done! Purchasers of previous Biolog instruments can quickly and easily upgrade to GEN III without purchasing new equipment. The expanded GEN III database is designed to meet the needs of Biolog's broad customer base covering diverse disciplines of microbiology.



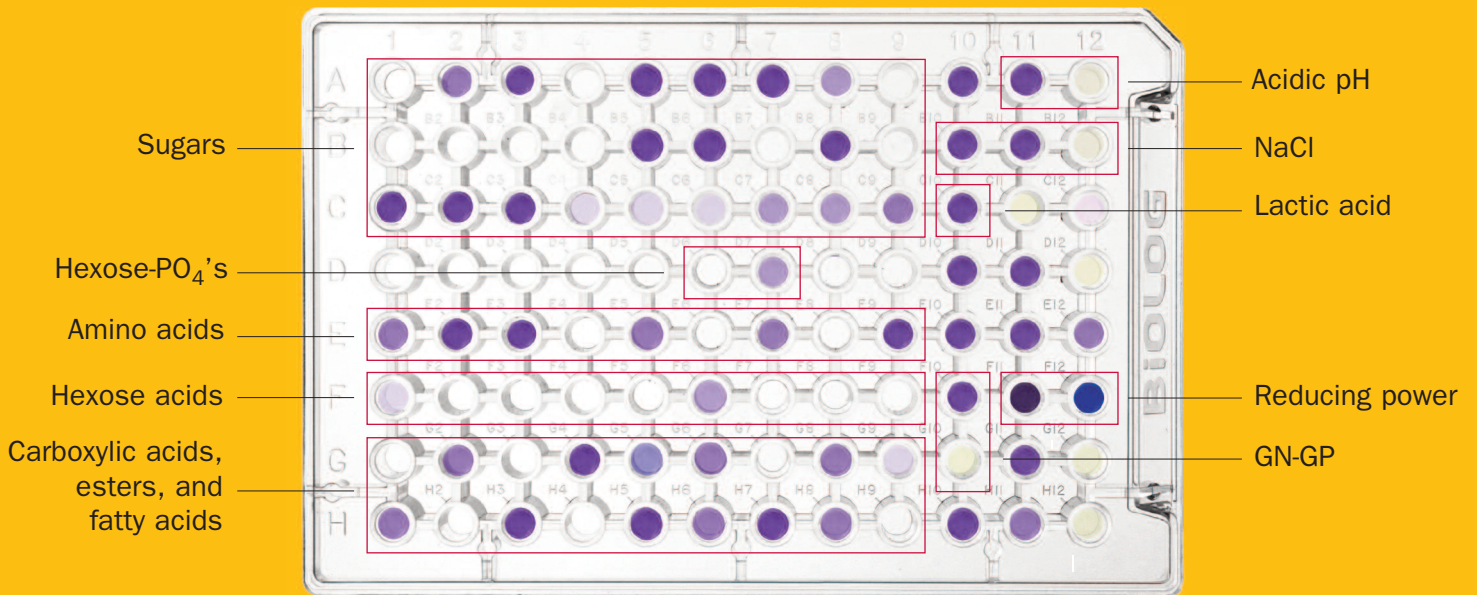
One Technology with multiple platforms, for consistent performance across every level of your organization.

All Biolog Microbial Identification Systems – manual, semi-automated or fully-automated – use the powerful new GEN III MicroPlate, allowing users to determine the most appropriate system to fit their current budget and level of throughput. Should needs change, all systems can be expanded to meet new capacity requirements.

Anatomy of a GEN III identification.

The new GEN III redox chemistry is applicable to an unprecedented range of both gram negative and gram positive bacteria. As shown below, GEN III dissects and analyzes the ability of the cell to metabolize all major classes of biochemicals, in addition to determining other important physiological properties such as pH, salt, and lactic acid tolerance, reducing power, and chemical sensitivity. Identifications can be performed manually, or with all Biolog instruments including the semi-automated MicroStation™ and the automated OmniLog®.

ID = *Stenotrophomonas maltophilia*



71 Carbon Source plus 23 Chemical Sensitivity Assays