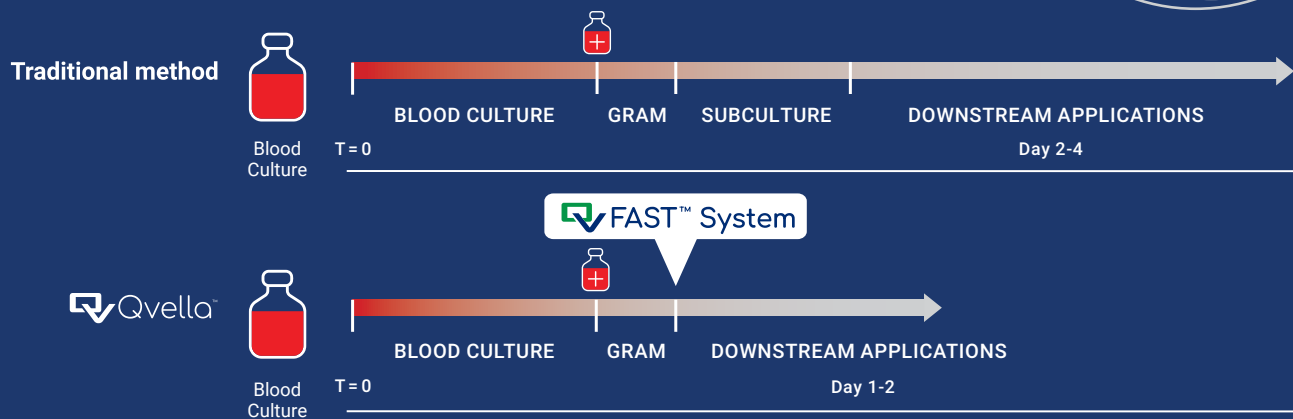


# Reduce time from positive blood culture to actionable results by generating a Liquid Colony™

With FAST™ System, turn time around by isolating and concentrating bacterial cells directly from a positive blood culture (PBC) in ~30 minutes to enable the set-up of downstream applications earlier (ID and AST).

## WHAT IS A LIQUID COLONY™?

Concentrated suspension of viable pathogens direct from PBC.



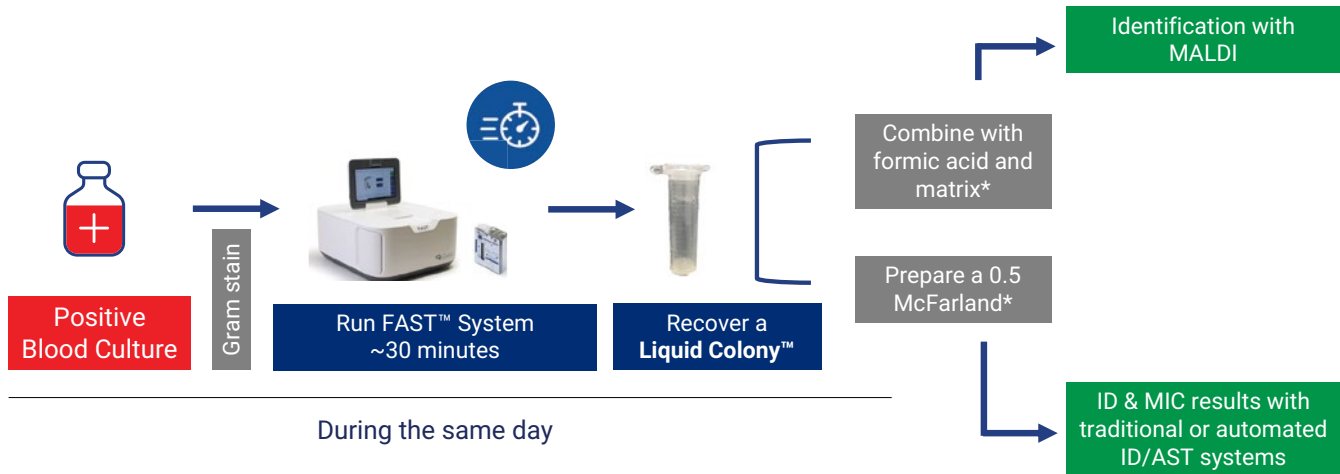
## Integrating FAST™ System in a microbiology workflow:

- Fully automated
- Time-saving: hands on time of 2 minutes
- ~30 minutes to prepare an inoculum for both ID and AST
- No modification in the existing workflow: Designed for compatibility with most of the commercially available downstream systems and upstream blood culture instruments
- Has potential to reduce time to results for both ID and final phenotypic AST up to 1 day earlier
- Gives the opportunity to strengthen the voice of the laboratory in your antimicrobial stewardship program

[www.qvella.com](http://www.qvella.com)

*The FAST™ System is in development and not approved for sale. The performance characteristics of the product have not been established. Brochure for distribution in Europe and UK.*

**FAST™ System is designed to integrate with current workflow.**  
Minimal hands-on time, designed to yield a Liquid Colony™ in minutes.



**Biomass Recovery in a Liquid Colony™ versus a solid colony.<sup>1</sup>**

Feasibility data suggests comparable biomass for Gram positive and Gram negative bacteria.

Sample	0.5 McFarland - CFU/mL		
	Strain	FAST™ System	Subculture
Category	n =	Liquid Colony™	Overnight solid colony
Average Gram positive	26	3.78 x 10 <sup>7</sup>	6.87 x 10 <sup>7</sup>
Average Gram negative	13	5.98 x 10 <sup>7</sup>	1.15 x 10 <sup>8</sup>

Field Beta Sites Intermediate Data <sup>2</sup>	
Concordant Genus/Species ID	~92%
AST Category Agreement	>98%
<b>Description</b>	<b>Reference Number</b>
FAST™ Instrument	10-01-00
FAST-PBC Prep™ Cartridge	10-02-00

Qvella’s mission is to improve patient outcomes and save lives through reducing time for actionable results in microbiology and infectious disease testing.

[www.qvella.com](http://www.qvella.com)



Watch the FAST™ System

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\*The FAST™ System has not been validated for any downstream diagnostic procedures or applications and will only be indicated for positive blood culture specimens containing bacteria. The user will be responsible for validating the FAST™ System in combination with diagnostic procedures used in their laboratory and in accordance with applicable regulation.

<sup>1</sup> Blood culture performed with bioMérieux Virtuo™ system.

<sup>2</sup> Ongoing studies in 6 laboratories (available data from 4 laboratories) ≈ 600 samples tested (all containing bacteria).  
Brochure for distribution in Europe and UK.