

A woman with dark hair in a ponytail, wearing a white lab coat and clear safety glasses, is looking intently at a computer monitor. Her right hand is visible, pointing at the screen. The background is a soft-focus laboratory setting with blue and white tones.

cobas®

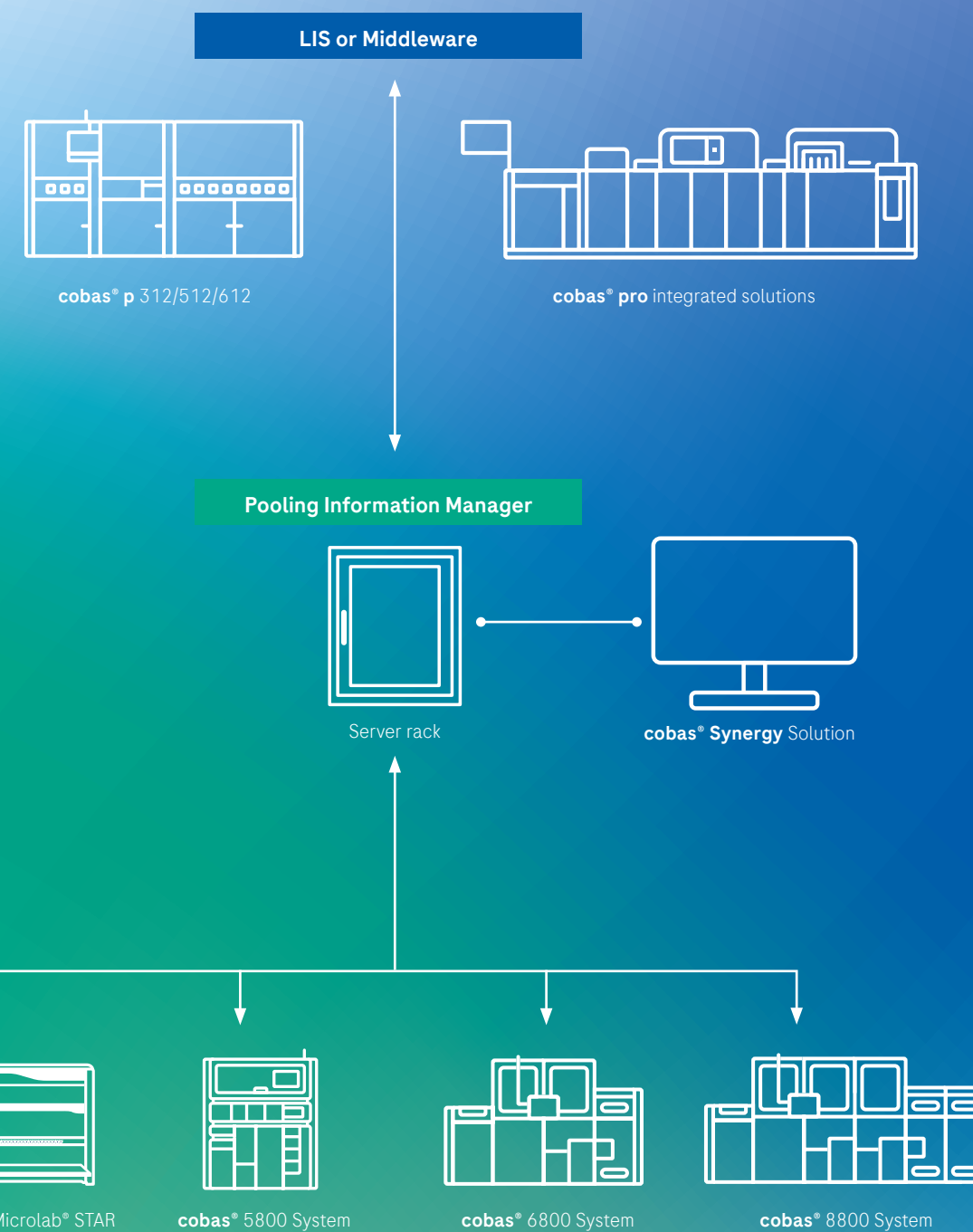
Roche

Fast. Accurate.  
Exceptional.

Get to know the  
**cobas® Synergy** Solution

## Link your lab

**cobas® Synergy** Solution seamlessly connects the Pooling Information Manager (which directs the Hamilton STAR pipettor for pooling and archiving) with the **cobas® 5800**, **cobas® 6800** and **cobas® 8800** Systems.



## Enhance workflow and improve productivity

Every day, your laboratory must process test results quickly to meet patient needs — despite any budget or labor constraints you may be facing. Now, your job is made easier with a data management solution designed to enhance productivity by optimizing workflow and labor.

**cobas® Synergy** Solution automates pooling of blood donations and provides archiving for long-term storage. A complement to the **cobas® 5800/6800/8800** Systems, it offers an end-to-end NAT solution for plasma donor screening centers and blood screening laboratories.

**Pools of pools are not required**, eliminating an unnecessary processing step and allowing for increased productivity and quicker release of results.

The system has a capacity per run to:



load up to  
**768**  
samples



creates  
**128**  
pools



in  
**82**  
minutes





cobas® Synergy Solution

The **cobas® Synergy** Solution eliminates manual handling steps – the primary risk for cross-contamination events.

Unlike other systems, the **cobas® Synergy** Solution requires just two touchpoints when loading the ready-to-use reagents and controls on the **cobas® 5800/6800/8800** Systems



**You asked, we delivered**

**We asked laboratory professionals how Roche could improve the lab experience and were told:**

- Create larger pool sizes
- Get more tests from a single pool
- Provide direct pooling
- Enhance turnaround times
- Reduce touchpoints to reduce risk for error

**cobas® Synergy** Solution delivers on each of these requests.

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### Achieve optimal throughput

With a high capacity pooling solution, you can create more pools with fewer instruments. That translates to higher throughput and faster release of results.

- Allows for direct loading of primary plasma blood samples and lysed whole blood samples.
- Laboratories processing tests from whole blood samples (e.g., Babesia) can load the primary sample tube directly onto the pooler without any sample preparation.

Depending on your laboratory's needs, the solution can be used to process Individual Donor Testing (IDT) or Primary Pool (PP) sizes:

- PP1 (1ml) plasma and lysed whole blood
- PP6 plasma and lysed whole blood
- PP24 or PP96 plasma

### Experience enhanced safety

Since 1998, our pooling solutions have accurately and safely streamlined the workflow in labs of all sizes. **cobas® Synergy** Solution includes built-in safety measures that track each donor sample through every step of the process—from pooling through NAT testing through release of results.

- Manages orders and results
- Supports aliquoting including aliquot plate data
- Provides an easy-to-use interface that guides through pooling and aliquot plate runs
- Keeps track of donor sample IDs within each pool enabling easy and reliable pool deconstruction
- Validates and transmits results
- Manages exclusion lists

With a comprehensive approach to pooling, you can be confident in the results and certain that each result aligns accurately to an initial donation tube.

### Realize greater efficiency

Roche Healthcare Consultants will design a customized solution to help your laboratory meet its unique goals. **cobas® Synergy** Solution brings greater efficiency to your lab by:

- Eliminating many touchpoints for pooling donor samples, thereby reducing labor requirements, process variability and opportunities for error
- Demanding less reloading of donor samples due to a large deck capacity
- Supporting up to 24 poolers and up to 3 data managers **cobas® 5800** System or up to 5 IG servers **cobas® 6800/8800** Systems. Combinations are also possible.
- Generating a variety of reports so you can manage and analyze results and performance

When paired with the **cobas® 5800**, **cobas® 6800** or **cobas® 8800** Systems, the system:

- Uses ready-to-use reagents
- Offers onboard refrigeration
- Leverages high throughput automation with maximum walk-away time so you can focus on more value-added work

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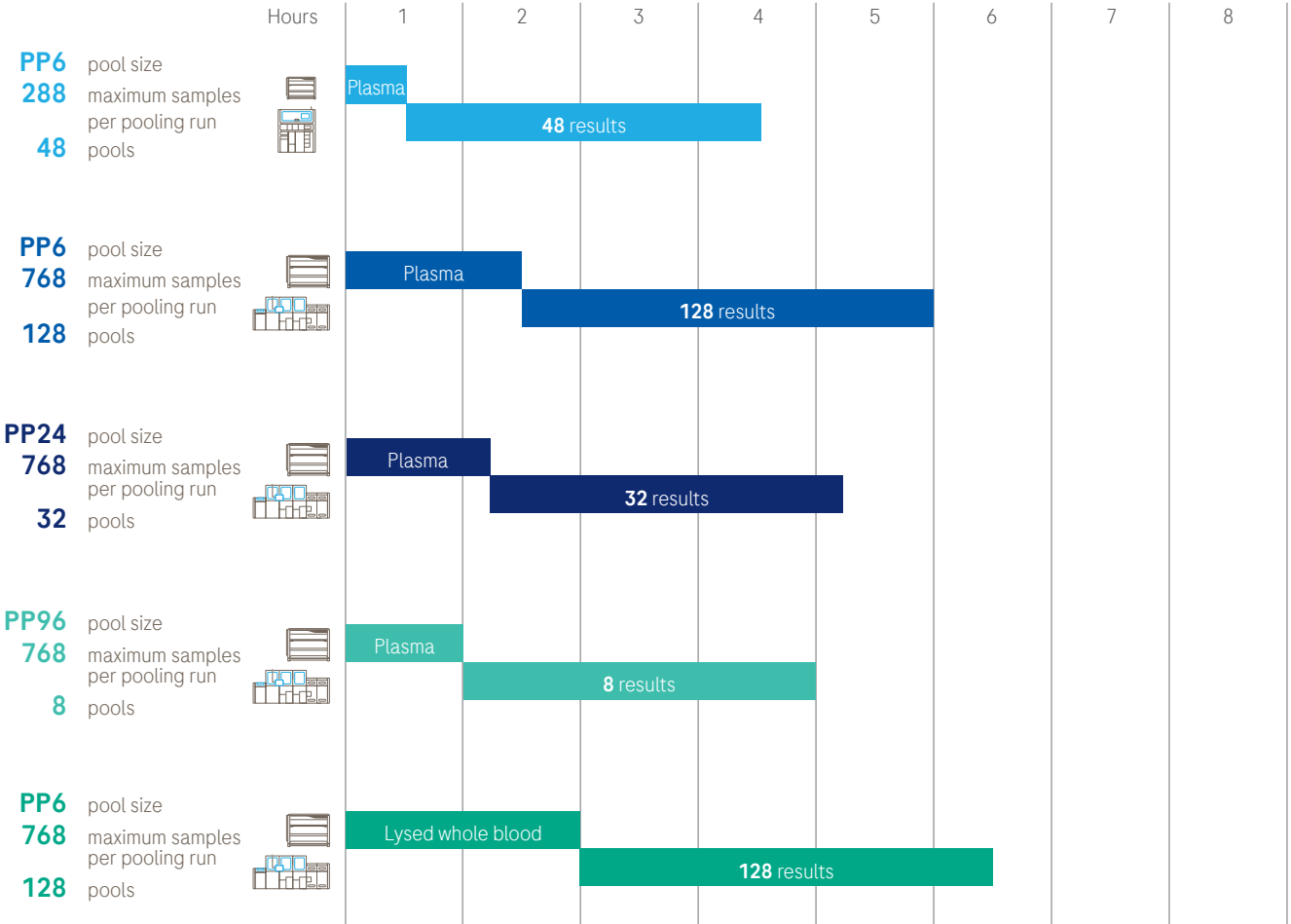


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### Workflow examples



## Proven service and support today and tomorrow

Roche introduced the world to PCR and we're committed to supporting you as we move into the future. With more than 2,000 technical and field experts serving customers in more than 70 countries, no other company offers a stronger, more dedicated team to support you. One call gives you access to a world-class support organization, and our technical hotlines connect you immediately to local support teams backed by global experts.

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