

Accelerating speed and efficiency in the molecular lab

cobas® prime Pre-analytical System



Streamlining and simplifying your lab operation

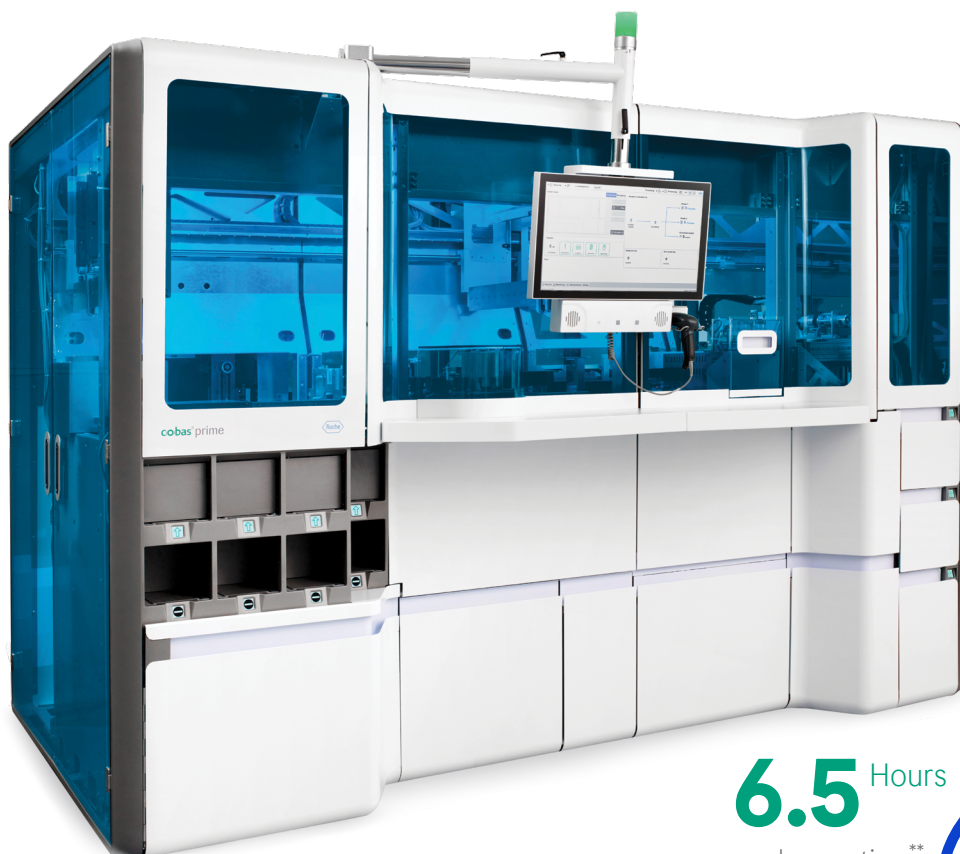
In today's fast-paced molecular laboratories, efficiency, and flexibility are critical to avoid a bottleneck of samples requiring pre-analytics processing. Imagine a solution that automatically prepares the variety and volume of samples you receive. That's the **cobas® prime** Pre-analytical System.

As the **first and only** fully automated system that consolidates, integrates, and standardizes the pre-analytical process, it streamlines and simplifies your lab operation so technicians can focus on higher-level challenges and opportunities.

cobas® prime



Improving workflow. Reducing risk of errors.



6.5 Hours
work-away time**



What will you do with more work-away time?

With a loading capacity of up to **1,240 samples**, staff can achieve up to 6.5 hours of work-away time that can be devoted to other testing priorities while routine testing automatically proceeds in the background.**

2 simple workflow steps

1. Load 2. Unload

Automation

Manual pre-analytical steps are performed for you

The **cobas® prime** Pre-analytical System offers complete automation and continuous random loading to achieve an unprecedented level of efficiency in the molecular lab.

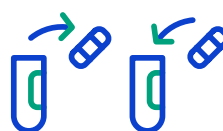
- An automated workflow helps protect the lab from cross contamination, processing error, and missteps that can occur during scanning, aliquoting, sample preparation, and reagent preparation.
- The system continuously loads – without presorting – multiple molecular sample types for multiple tests into a universal tray and performs pre-analytical processing before transferring the samples to the analyzer for testing.



Barcode reading



Vortexing



De-capping, re-capping



Barcode printing



Apply reagent



Aliquoting

Consolidation

One universal sample input tray, with no sorting or batching

Multiple sample types and tests can be consolidated to streamline the pre-analytical process and reduce the amount of training required.

- A single universal tray holds multiple sample types and is placed into a single system, eliminating the need for a variety of instruments to process a variety of sample types.
- The universal tray can be filled with samples in sample reception, then loaded directly into the **cobas® prime** Pre-analytical System without any additional manual handling.
- An optional Process Plus Module provides broader functionality including reagent addition, heat treatment, or re-capping tubes.



Heating/incubating



Racking



Integration

Solve your testing challenges with a single solution

The industry's leading instruments converge to form a single solution to transform your operation into a lab of the future.

- The **cobas® prime** Pre-analytical System is highly optimized to work with the **cobas® 6800** and **cobas® 8800** Systems and their assays.
- The system can be easily integrated as a stand-alone or as a connected pre-analytical system, depending on your workflow and will shape to your lab layout.
- **cobas® prime**, with **cobas® infinity** IT solutions extends lab automation, delivering one touch[†] molecular testing from sample receipt to archival.

Standardization

A process that delivers unmatched throughput

- **cobas® prime** Pre-analytical System delivers up to 1,600 samples prepared on a single system per 8-hour shift.**
- A common user interface between pre-analytical and analytical instruments improves ease of use and reduces staff training.



1 universal
tray

up to
1,600
samples prepared
in an 8-hour shift**

>90%
of non-urgent
routine testing**
can be automated and
consolidated with the
Molecular Work Area

From sample arrival
to testing results, the
Molecular Work Area
**reduces manual
touchpoints by**
86%*

* Based on a workflow configuration that includes **cobas® prime** Pre-analytical System connected via CCM to **cobas® 6800**.

** May vary based on workflow demands

† Workflow combining **cobas® prime** Pre-analytical System, **cobas®** connection modules, **cobas® 6800/8800** System and **cobas® infinity** IT solutions.

** May vary based on assay availability in your country.

Achieve peak performance
with the Molecular Work Area

**Solve your testing challenges
with a single solution**

Together, the **cobas® prime** Pre-analytical System and the **cobas® 6800** or **cobas® 8800** Systems create a Molecular Work Area — testing consolidation that brings together labs of every size to new levels of speed and efficiency.

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