

# cobas<sup>®</sup> 5800 System

Innovation made accessible



Laboratories face competing pressures to streamline cost, add value, and drive growth while empowering employee productivity and enabling better patient decision-making.

### The right balance to make a real difference

The challenges of running a lab are varied and complex, leading to trade-offs between flexibility, performance, efficiency, value, sustainability and success. The **cobas**® 5800 System helps to find the right balance by making world-class laboratory innovation accessible to all.

## Metrics that matter





The **cobas**<sup>®</sup> 5800 System delivers Roche's proven molecular concept from a compact footprint, enabling laboratories of all sizes to transform their approach to testing with automation, consolidation, integration and standardisation.

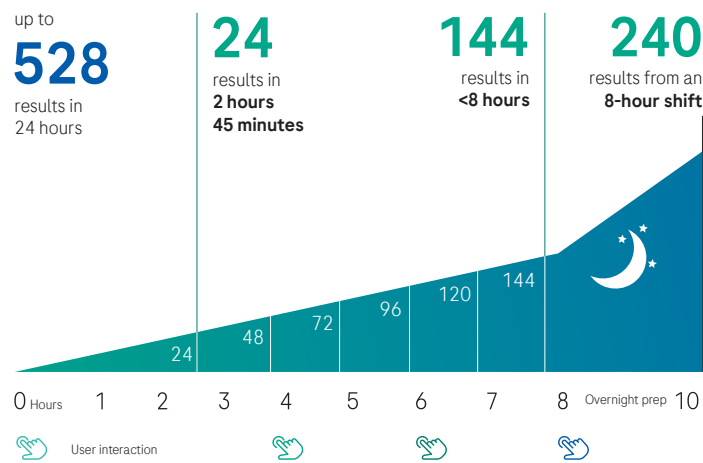
# Automation

## Simple and efficient with up to 4 hours of walkaway time

Improve productivity, reduce the possibility for error, and deliver more predictable turnaround times with full automation—from sample supply, transfer, and preparation to amplification and detection, result calculation and delivery to the laboratory information system (LIS).

- Flexible loading of samples, reagents and consumables
- Prioritisation of specific samples or assays
- Customisable control concept

## cobas® 5800 System throughput



**cobas® 5800 System**  
**Up to 4 hours** walkaway time



# Consolidation

## Run >90% of routine testing on a single platform\*

The **cobas**® 5800 System offers the same menu as the **cobas**® 6800/8800 Systems, including the **cobas** omni Utility Channel, which allows you to run laboratory developed tests (LDTs) and IVD assays on the same system.

- Increase capacity and capability from a small footprint
- Reduce the need for dedicated instruments
- Run IVD assays and LDTs simultaneously

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

## Broad and expanding menu

Clinically relevant, comprehensive and focused on development for tomorrow.

Donor Screening	Infectious diseases	Sexual health	Transplant	Respiratory	Antimicrobial Stewardship
MPX	HIV-1 †	HPV † †	CMV	SARS-CoV-2#	MTB-RIF/INH**
WNV	HBV	CT/NG	EBV	SARS-CoV-2 + Influenza A/B#	
DPX*	HCV	TV/MG	BKV	MTB**	
HEV**	HIV-1/2 Qual			MAI**	
CHIKV/DENV**				MPLX Respiratory	
Zika					
Babesia					
Malaria					

## cobas omni Utility Channel

KEY

Available  
To be launched soon

In development

\***cobas**® DPX is an in-process test for plasma intended for further manufacture.

\*\*Not available in the US

†also for use with **cobas**® Plasma Separation Card (not in the US)

\*\*Self sampling launched

#FDA EUA + CE-IVD



## Integration

### **Built-in scalability to react flexibly to changing needs**

Easily extend automation across your entire workflow, implement advanced analytics, and leverage lean processing and sorting capabilities.

- Connect seamlessly with your existing IT infrastructure
- Generate laboratory specific insights to drive efficiency and productivity
- Include pre-analytical automation for greater simplicity of the entire workflow



# Standardisation

## Setting new standards with proven performance

Eliminate variability between operators and assays with streamlined processes and consistent workflows across all Roche systems.

- Common assays, reagents and user experience across platforms
- Streamline training for technicians to minimise on-boarding effort
- Deliver consistent patient results to inform appropriate management



The **cobas**<sup>®</sup> 5800 System doesn't cut corners;  
it fits neatly into them.



## Be the engine that drives healthcare systems forward

The **cobas**® 5800 System is an integral part of Roche's proven Molecular Work Area concept. Built-in scalability allows you to react flexibly to your changing needs, elevating the value of your laboratory across the entire organisation while putting sustainability and success right at your fingertips.



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