



cobas[®] 5800 System^{*}

Innovation made accessible



*In development.

cobas[®]

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



* In development.
† May vary based on assay availability in your country.
‡ Walkaway time is dependent on the number of tests performed and number of runs initiated (under continuous testing conditions >96 tests per shift, walkaway time may be between 4 - 8 hours).



The **cobas® 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 standardization.**

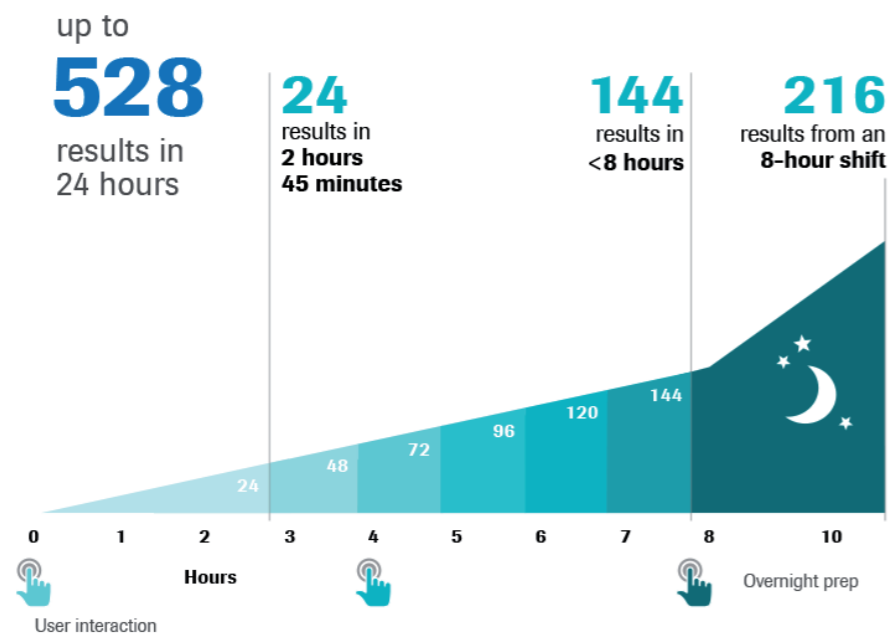
Automation

Simple and efficient with up to 8 hours of walkaway time*

Improve productivity, reduce the opportunity 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
- Prioritization of specific samples or assays
- Customizable control concept

cobas® 5800 System throughput



* Walkaway time is dependent on the number of tests performed and number of runs initiated (under continuous testing conditions >96 tests per shift, walkaway time may be between 4 - 8 hours).

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**, allowing you to run laboratory developed tests (LDT) on the same system as IVD assays.

- 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 [^]	MG Resistance
DPX	HCV	TV/MG	BKV	MTB*	GC Resistance
HEV*	HIV-1/2 Qual			MAI*	
CHIKV/DENV*				MPLX Respiratory	
Zika					
Babesia					
Malaria					

cobas omni Utility Channel

KEY	At launch	In development	*Not available in the US	**Self sampling in development	[†] also for use with cobas® Plasma Separation Card	[^] FDA EUA + CE-IVD
	Post-launch					



cobas® 5800 System:
Up to 8 hours walkaway time*



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



Standardization

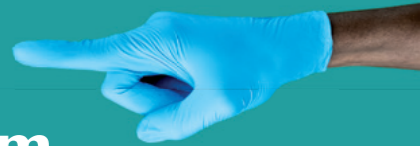
Setting new standards with proven performance

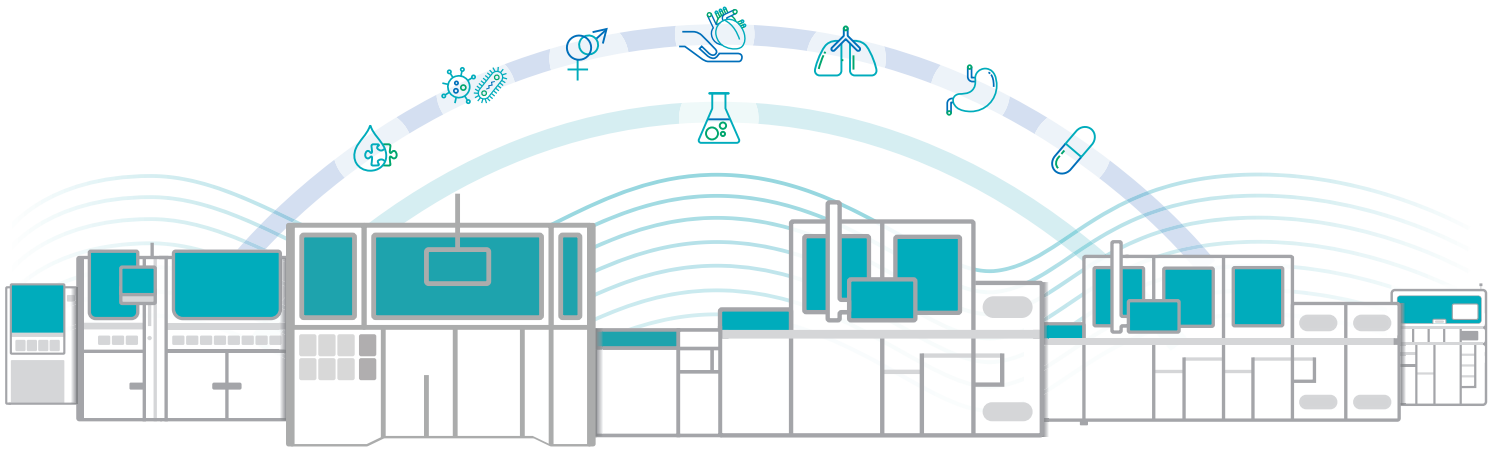
Eliminate variability between operators and assays with streamlined processes and consistent workflows across all Roche systems

- 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[®] 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 organization while putting sustainability and success right at your fingertips.

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