Roche digital pathology

Driving diagnostic for decisions in pathology

Roche Digital Pathology empowers pathologists with solutions to support diagnosis* for more personalised healthcare.

Innovative digital solutions designed to endure—we offer a flexible, open ecosystem designed to fit seamlessly within your workflow and evolve with your lab's digitisation needs.

We understand the transition to digital pathology comes with challenges, which is why we leverage our broad expertise to support you every step of the way. Whether it's fundamental elements to kick-start your transformation or end-to-end digital solutions to scale-up the lab, we take an intentional approach to innovation. As your full-service partner, we help you achieve your vision for your lab's digital journey, now and in the future.

Roche is committed to investing in and shaping the future of pathology to improve patient care with artificial intelligence (AI)-based clinical decision support solutions.

* In-vitro diagnostic (IVD) products can be used for in-vitro diagnostic use.
Research Use Only (RUO) products are for research use only and not for diagnostic procedures.

Driving diagnostic
for decisions in pathology

Slide scanning

Experience image quality

VENTANA® slide scanners are tray-based scanners that showcase innovative optics and dynamic focus technology for image quality*

Pathologist interface

Manage, collaborate and report

navify® Digital Pathology enables rapid case review, evaluation and collaboration*

Image analysis algorithms

Improve diagnostic confidence

Standardised results for complex slide evaluations using **image analysis algorithms****

* CE-IVD marked. For Research Use Only in the US. Not for use in diagnostic procedures in the US.
** Refer to the product-specific labeling for the regulatory status of algorithms
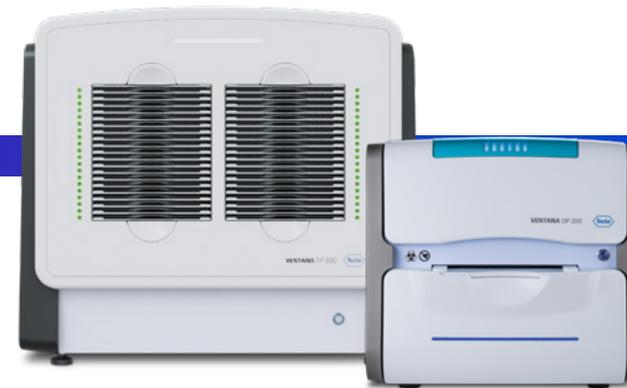
VENTANA DP 600
240 single slides

VENTANA DP 200
6 single slides or 3 double slides

Slide scanning

VENTANA family of scanners approach

The VENTANA DP 200 and the VENTANA DP 600 slide scanners*
are high-speed, brightfield scanners that feature:

- Innovative optics and dynamic focus technology for high resolution, equivalent high quality images with colour reproduction that maps to glass slides as seen under microscopes

- Tray-based systems that eliminate slide-handling errors, such as breakage and loss of slides

- Trays are interchangeable between scanners

- Built-in calibrations to increase performance and reliability

- Intuitive design and minimalistic user-interface for ease of use, to maximise workflow and help improve turnaround times

- Integration with the Roche Digital Pathology software solution

- DICOM compatibility

The high capacity, 240-slide VENTANA DP 600 slide scanner helps labs achieve full digitisation while the 6-slide VENTANA DP 200 slide scanner can be utilised for such use cases as frozen sections, double slides, urgent cases and remote site scanning.

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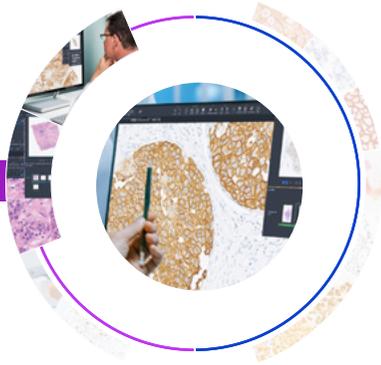
Pathologist interface

Designed for the pathologist's clinical case workflow

navify® Digital Pathology software enhances the efficiency of the pathologist workflow with laboratory integration and automation.

- Pathologist-centric design
- Future-proof with scanner interoperability and access to high medical value AI algorithms
- Synchronized multi-slide viewing and annotating
- Customisable pathology report
- Ease of case sharing for second opinions and consultations
- LIS integration with **navify**® Pathology Lab Hub
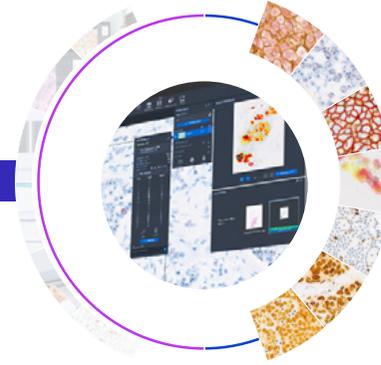- Offered in both on-premise and scalable cloud-based software configurations

Image analysis algorithms

Assist Pathologists for interpretation

Harness the power of AI to remove time-consuming quantification and qualification tasks from your pathology workflow. Enhance patient outcomes with proven, validated, and trusted technology - designed by pathologists for pathologists.

Roche Digital Pathology IVD products are validated on a robust, reliable, and representative set of benchmark data as part of the end-to-end Roche Tissue Diagnostics ecosystem, a unique benefit that removes variables in the validation process and ensures reproducible results you can trust.
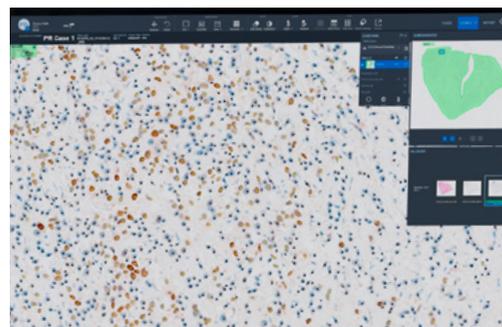
Roche Digital Pathology Open Environment

Roche's Digital Pathology Open Environment lets third-party partners integrate image analysis tools into **navify**® Digital Pathology, enhancing data exchange for pathologists, providing a wider range of diagnostic tools, and the potential to answers for patients.

Roche Digital Pathology

An integrated solution

Slide scanning

Pathologist interface

Image analysis algorithms

คำเตือน โฆษณาโดยตรงต่อผู้ประกอบวิชาชีพทางการแพทย์และสาธารณสุข
ที่ได้รับการยกเว้นโดยไม่ต้องขออนุญาต

อ่านคำเตือนในฉลากและเอกสาร
กำกับเครื่องมือแพทย์ก่อนใช้

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