

Diagnostic Digital Pathology Shaping the Future of Medicine

HALO AP Dx



 FDA Cleared

HALO AP[®]



AI Powered,
Pathologist Driven

powered by **indica labs**



HALO AP® brings together patient data, whole slide images, and AI-based decision support in an ergonomic, case-based platform ideal for remote work.



Scan to Learn More

HALO AP®



An AI-powered, pathologist-driven diagnostic pathology platform that supports primary diagnosis, AI-enabled workflows and quantitative analytics, external consultations, tumor boards, clinical trials, and more.

What sets HALO AP® apart?

- + Scanner agnostic, user-friendly platform with complete toolkit for efficient, standardized diagnosis
- + Centralized AI deployment, available at any stage of digital pathology adoption
- + Advanced collaboration tools to work with colleagues internal and external to your institution
- + Secure cloud or on-premise deployments that work with your existing LIS | LIMS system
- + Supports macrodissection workflows for downstream molecular analysis and advanced imaging for multidisciplinary diagnostic support
- + Industry leading support services spanning integrations, training, and deployment

indicalab.com/clinical-products/halo-ap



WHAT OUR CUSTOMERS SAY



“HALO AP has made a massive impact on patient care, particularly in complex cases and urgent cancer cases, where, because we can report immediately as soon as the slides are scanned, those of us that are based over at the cancer center don’t have to wait for slides to come across. This will often take a day or even a weekend out of turnaround times, leading to patients being treated more urgently, particularly those that need urgent chemotherapy.”

Dr. David Clark, MD
Clinical Lead for Digital Pathology Implementation
Nottingham University Hospitals NHS Trust

WORK WITH YOUR EXISTING SYSTEM

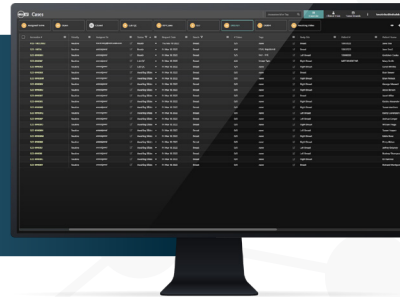
1

Image whole slides & scan barcode



4

View patient and case data in LIS | LIMS and HALO AP®



HALO AP® Server

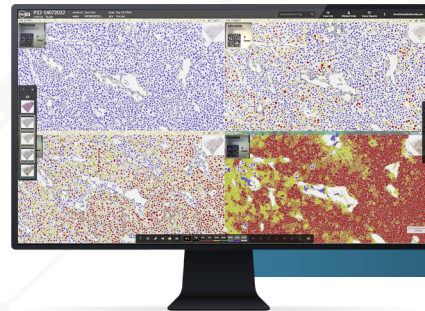
2

HALO AP® assembles case using barcode and LIS | LIMS data



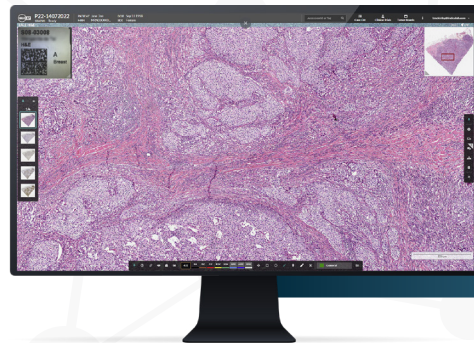
5

Analyze slides, incorporate AI decision-support, and diagnose



3

View case images in HALO AP®



6

Push results to Pathology Report or LIS | LIMS



INTEGRATED DIGITAL PATHOLOGY

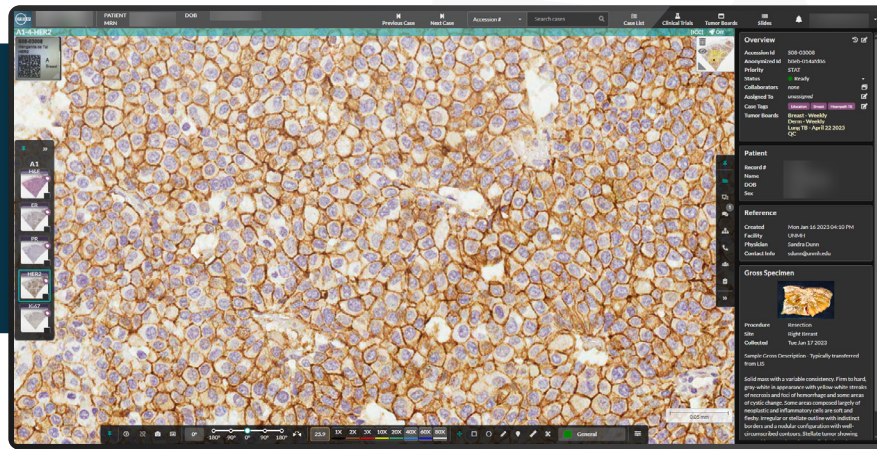


Platform Compatibility & Integration

HALO AP® works with your laboratory information system instead of replacing it. Access the right data at the right time by integrating with LIS | LIMS systems, eliminating the need to move between platforms. Open, API-first technology supports bi-directional connectivity to any application.

HALO AP® is compatible with files from all major scanners and our staff is well-versed in data migration, with expertise integrating many common LIS | LIMS systems in enterprise-wide deployments, including **Epic Beaker®** and **Oracle Health EHR (formerly Cerner Millennium)**.

INTUITIVE
WORKSPACE



A PLATFORM OPTIMIZED FOR AP



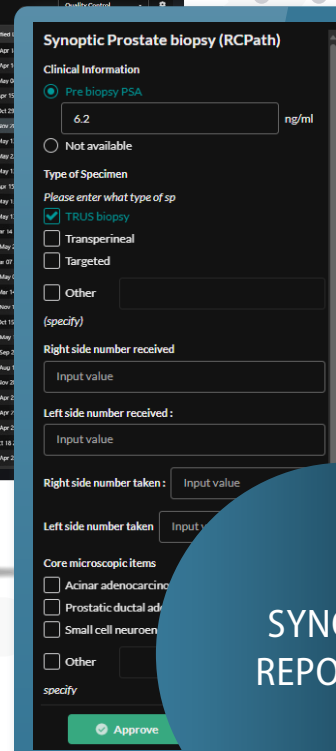
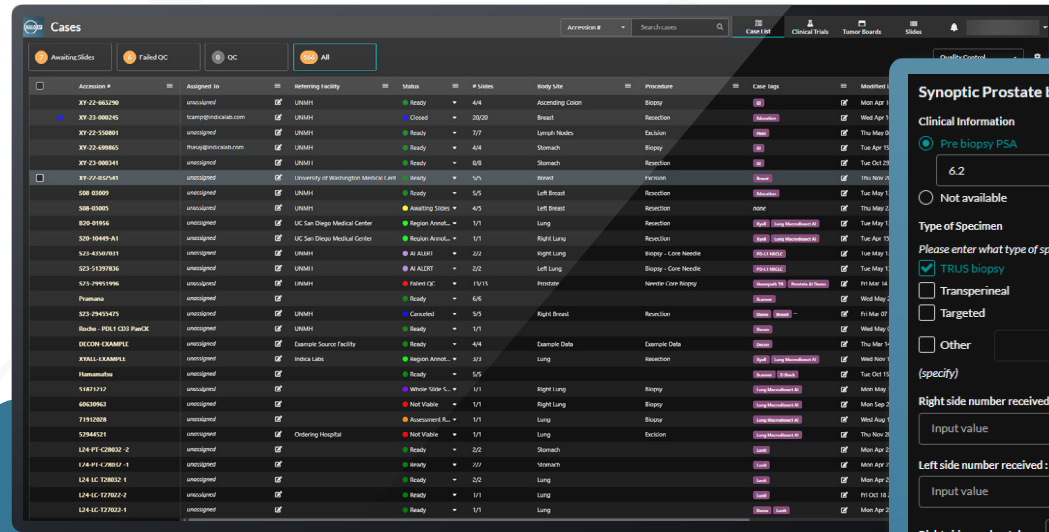
Streamlined Pathology

HALO AP® organizes images and metadata, offering flexible options for worklist management. Its intuitive case viewer integrates digital slides, quantitative data, gross details, patient information and past surgical pathology reports in one location.

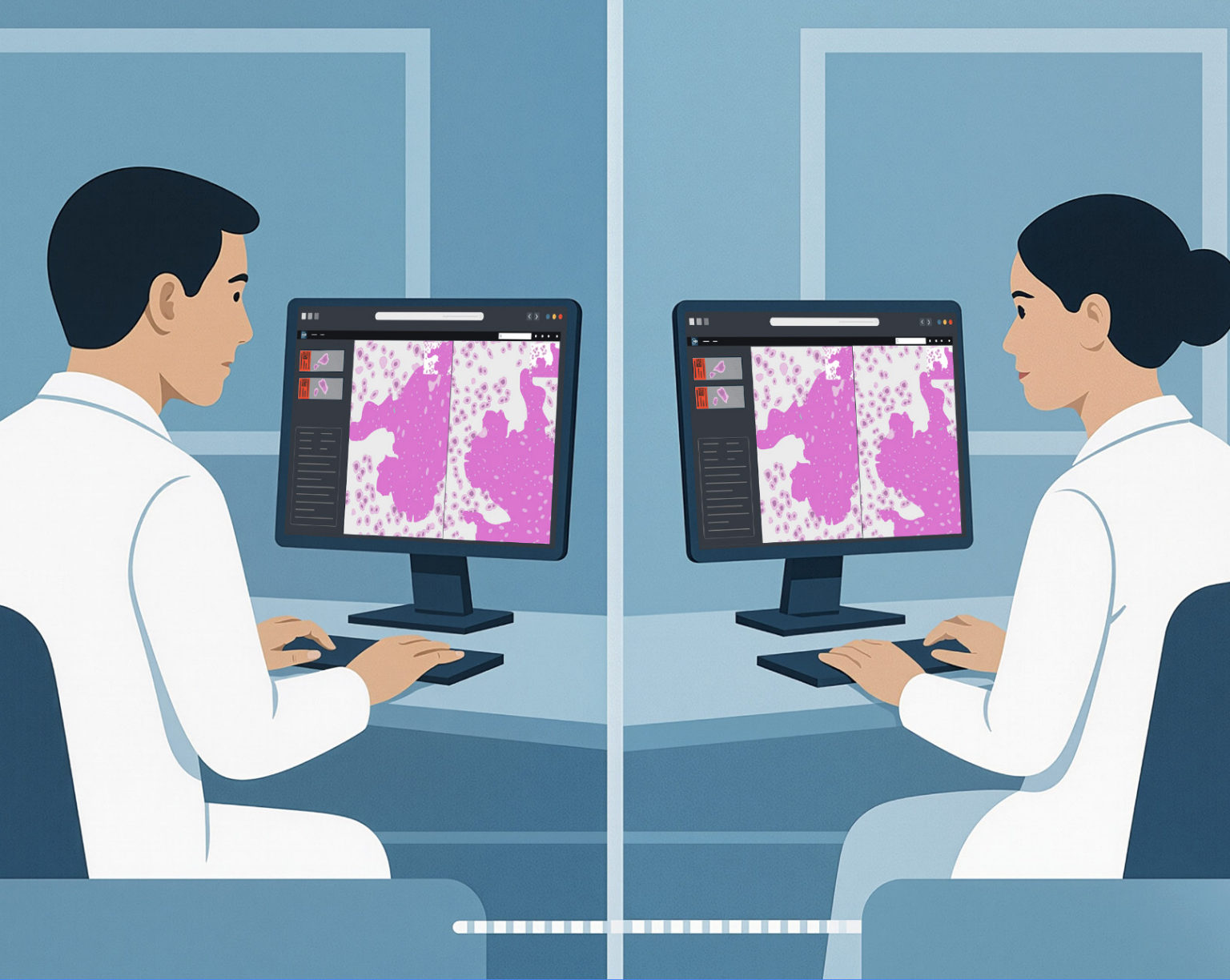
Integrated Reporting

Whether you're following standardized guidelines or designing your own proprietary reporting templates, HALO AP® lets you develop customized synoptic reports, and display these alongside case images.

CASE-CENTRIC
WORKFLOWS



SYNOPTIC
REPORTING



Live case conferencing supports real-time collaborative diagnostics.

COLLABORATION FOR REMOTE DIAGNOSTICS



Advanced Collaboration Tools for AP Workflows

A robust browser-based platform that enables secure, anonymizable case sharing with users both internal and external to your institution. You'll have the flexibility you need to provide the best patient care possible.

Consultations and medical education training have never been easier. A presenter shares their view of a slide with attendees in real-time.

Increase the efficiency of your diagnoses by reviewing slides the moment they are available for sign-out.

Tumor Boards

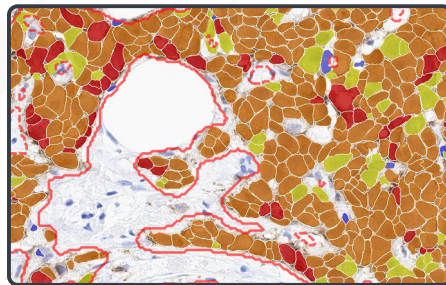
Modernize tumor board and MDT preparation by efficiently structuring case reviews, annotations, and case notes within HALO AP®, where you can instantly navigate to histological regions of interest and notes with a single click.

HALO CLINICAL AI SOLUTIONS

FUTURE-PROOF YOUR LAB WITH AI

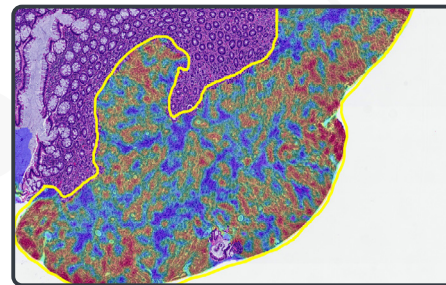


BREAST IHC AI



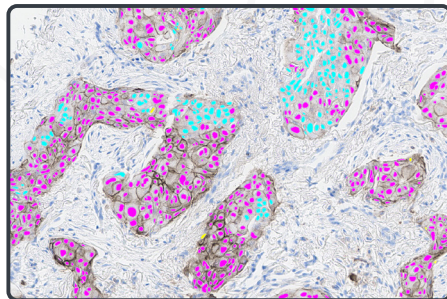
AI-based scoring of HER2 (including low and ultralow), ER, PR, and Ki67 IHC

MACRODISSECTION SOLUTIONS



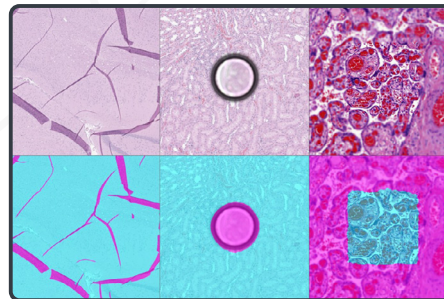
Analyzes and quantifies tumor content for downstream molecular analysis

LUNG PD-L1 AI



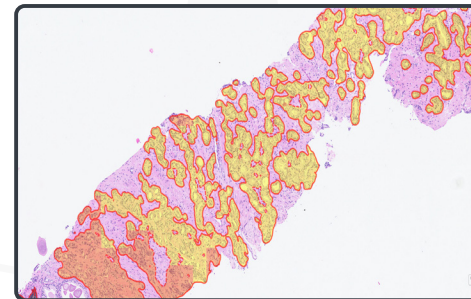
AI-powered scoring of PD-L1 IHC in NSCLC

SLIDEQC BF



AI-powered detection of common slide artifacts

PROSTATE AI



Identification and Gleason Grading of prostate cancer

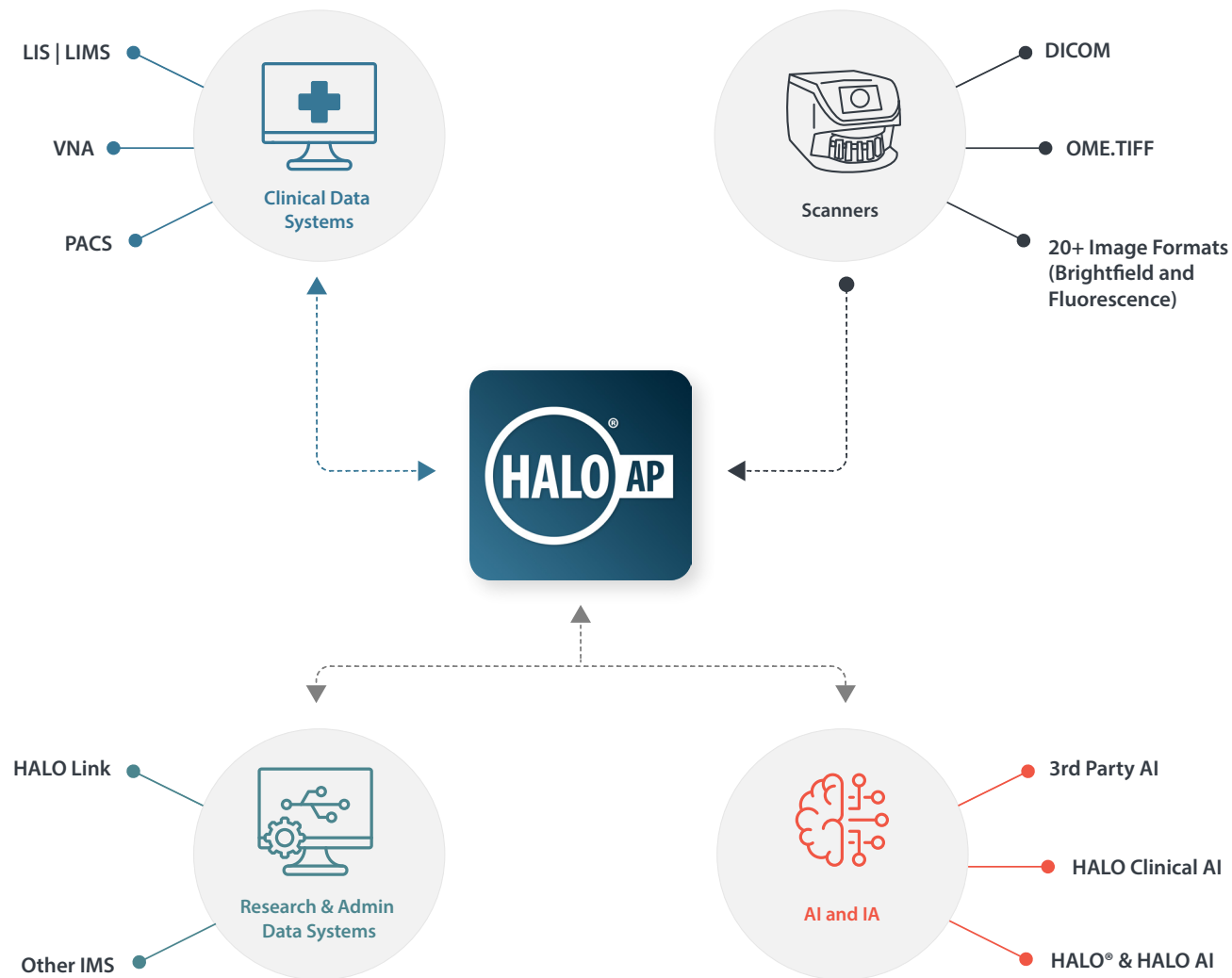
AI and Image Analysis

HALO Clinical AI provides labs with automated decision-support tools for the identification and grading of cancer, IHC quantification, and more – all integrated seamlessly into HALO AP®.

- + Perform and review quantitative analysis anytime, anywhere, and view results in the browser-based interface
- + Leverage AI-based analysis in your diagnoses
- + Standardize your IHC expression evaluation for accurate comparative studies with Lung PD-L1 AI and Breast IHC AI
- + Complement your expertise by using AI as a post-diagnosis quality check or to triage slides for expedited review of the most urgent cases
- + Deploy third-party AI algorithms without ever leaving the platform



Scan to Learn More



HALO AP® is compatible with a wide range of brightfield and fluorescent image file formats and can interface with DICOM-compatible scanners and/or a PACS or VNA to import, store and manage DICOM files. It supports slide deidentification for research and algorithm development workflows, ensuring data privacy and security. Bidirectional connectivity via API enables seamless integration with existing laboratory systems.

A PATHOLOGY LAB THAT JUST WORKS



An Ecosystem for Pathology

HALO AP® offers a comprehensive, future-ready ecosystem with the tools pathologists need. Experience the future of pathology – streamlined workflows, reduced turnaround times, and the ability to integrate the AI and image analysis of your choice.

HALO AP® acts as your AI orchestration platform, where you can seamlessly deploy both off-the-shelf HALO Clinical AI and third-party AI, like Deep Bio, Ibex, Lunit, and Paige, a Tempus company, all within a unified platform.

ON-PREM OR CLOUD-BASED



powered by  aws



FLEXIBLE DEPLOYMENTS



Customized and Secure Deployments

- + HALO AP® can be deployed on-premise or in the cloud to work within your IT framework
- + With enterprise-grade administration, you can easily scale the number of users as your lab grows and configure roles and permissions
- + Our AWS Certified Solutions Architects, Technical Solutions team, and our Applications team are there for top-tier training and tech support
- + The Cloud Services team helps organizations migrate to, manage, and optimize their cloud deployments delivering a highly performant, flexible, and secure environment
- + WSI storage costs are minimized through an automated image archiving system



HALO AP Dx is an intuitive platform, improving accuracy in diagnosis and efficiency in patient care, while seamlessly integrating into your existing laboratory infrastructure.

HALO AP Dx



FDA Cleared with Aperio GT 450 DX and NanoZoomer® S360MD Slide Scanners for Primary Diagnosis

What sets HALO AP Dx apart?

- + FDA-cleared, user-friendly platform that supports primary diagnosis, external consultations, tumor boards, clinical trials, and more
- + Compatible with DICOM, SVS and NDPI image formats for seamless integration into existing IT infrastructure
- + Designed for future integration and multidisciplinary collaboration, ensuring users stay at the forefront of advancements in digital pathology



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indica labs

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HALO AP Dx (K252762) is FDA-cleared for primary diagnostic use with the Leica Biosystems' Aperio GT 450 DX Scanner and Hamamatsu NanoZoomer® S360MD Slide scanner in the USA. In addition, HALO AP Dx provides built-in compliance with FDA 21 CFR Part 11 and HIPAA.

HALO AP® is CE-IVDR marked for in-vitro diagnostic use in Europe, the UK, and Switzerland. HALO AP® is For Research Use Only in the USA and is not FDA cleared for clinical diagnostic use. In addition, HALO AP® provides built-in compliance with FDA 21 CFR Part 11, HIPAA, and GDPR.

Prostate AI is For Research Use Only and not intended for clinical diagnostic use. Prostate AI is accessed via the HALO AP® enterprise digital pathology platform.

Lung PD-L1 AI is For Research Use Only and not intended for clinical diagnostic use. Lung PD-L1 AI is accessed via the HALO AP® enterprise digital pathology platform.

Breast IHC AI is For Research Use Only and not intended for clinical diagnostic use. Breast IHC AI is accessed via the HALO AP® enterprise digital pathology platform.

SlideQC BF is intended to be used as a quality control tool for whole slide images and is not regulated as a medical device in the EU/UK. SlideQC BF is for Research Use Only in the USA and is not FDA cleared for clinical diagnostic use. SlideQC BF is accessed via the HALO AP® enterprise digital pathology platform.

HALO Macrodissection Solutions are for Research Use Only and not intended for clinical diagnostic use. HALO Macrodissection Solutions are accessed via the HALO AP® enterprise digital pathology platform.

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