

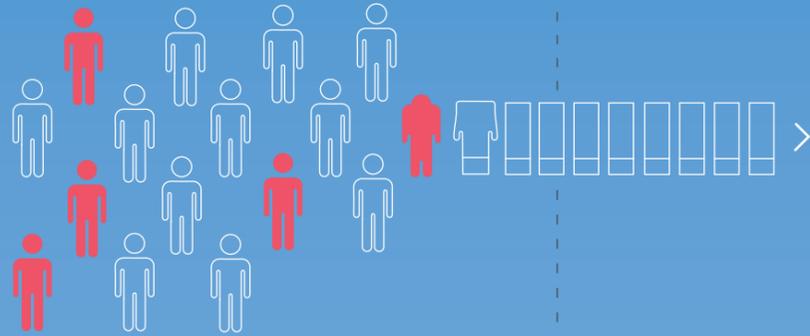
A new paradigm is needed

Despite extensive use of immunohistochemistry (IHC) for decades, lack of standardisation remains a major problem, even in the era of targeted therapy.

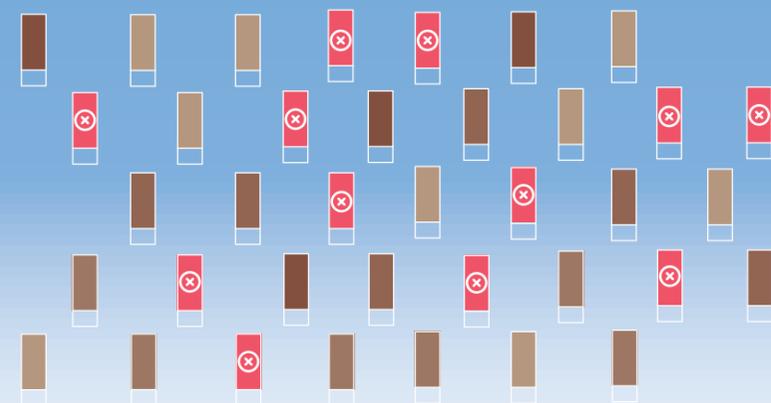
An infinite amount of possibilities

Nevertheless, tissue processing and staining protocols are still largely defined by the individual laboratory. The selection of tissue controls is largely unregulated, and the interpretation of the staining results are partly subjective.

More than **30,000** IHC slides were evaluated during 2017 and 2021, of which:



1 in 5 slides are simply not accurate enough to make the right diagnosis



The 'total test approach'

Standardisation of the pre-analytical and analytical phase is of the utmost importance to ensure the technical, diagnostic and clinical quality of IHC.

Tissue-Tek Genie® Advanced Staining System

A new paradigm for IHC. The Tissue-Tek Genie® platform brings reliable results through standardisation, by using one standard protocol for a wide range of 135+ optimal antibodies.

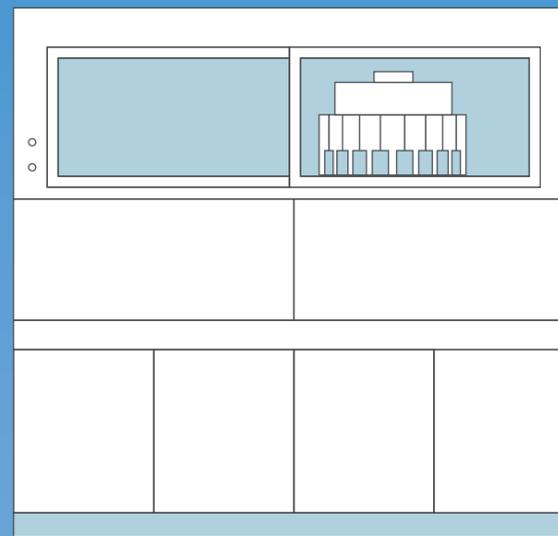
Enjoy the convenience of reduced calibration and validation of IHC assays for optimal performance.

Closed loop technology

The Tissue-Tek Genie® uses closed-loop technology and creates predictable outcomes. Optimising the workflow.

Optimal only quality control

Continuous independent assessment performed by NordiQC.



Standardising with Sakura

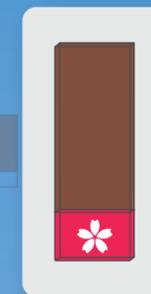
Advanced SMART Automation is an end-to-end solution of Sakura. It streamlines H&E and IHC and creates a new reality for pathology.

Imagine the impact that the entire range of Sakura Solutions could deliver to laboratories, hospitals, and ultimately patients. Starting at the beginning with tissue preparation, managed in a careful, continuous and standardised process. Leading towards high quality slides ready for a fast and accurate diagnosis.

Making the values explicit to each stakeholder that plays a role, or has influence in the tissue diagnostic field.

The Sakura Signature slide

The standard that creates optimal slides.



Pass rate new biomarkers

The overall NordiQC passrate, scoring good or optimal, of newly introduced biomarkers is from 42% to 72%.

 **Optimal only** antibodies are used and implemented into the Tissue-Tek Genie Advanced Staining System.

NordiQC

NordiQC is an international academic proficiency testing (PT) programme established in 2003 primarily aimed at assessing the analytical phases of the laboratory IHC quality.



60 countries



600 laboratories

NordiQC scoring criteria

Optimal	Good	Borderline	Poor
 <p>Staining reaction considered perfect or close to perfect in all of the included tissue cores.</p>	 <p>Staining reaction considered fully acceptable in all of the included tissue cores. However, the protocol may be optimised to ensure the best staining intensity and signal-to-noise ratio.</p>	 <p>Staining considered insufficient because of e.g. a generally too weak staining or a false negative staining of one of the included tissues, or a minor false positive staining reaction.</p>	 <p>Staining considered highly insufficient because of e.g. false negative staining of several of the included tissues, or a major false positive staining reaction.</p>

