



# Hyperion XTi™ Imaging System

Uniquely designed for clinical research



## Taking the complexity out of spatial biology

Introducing the **fastest and most reliable workflow** for high-plex imaging.

## A next-generation solution using proven Imaging Mass Cytometry™ (IMC™) technology

- Faster detection for higher throughput
- Lower limit of detection to visualize dim markers
- Enhanced whole slide panorama to select region of interest in minutes
- Improved dual suspension and imaging modes available

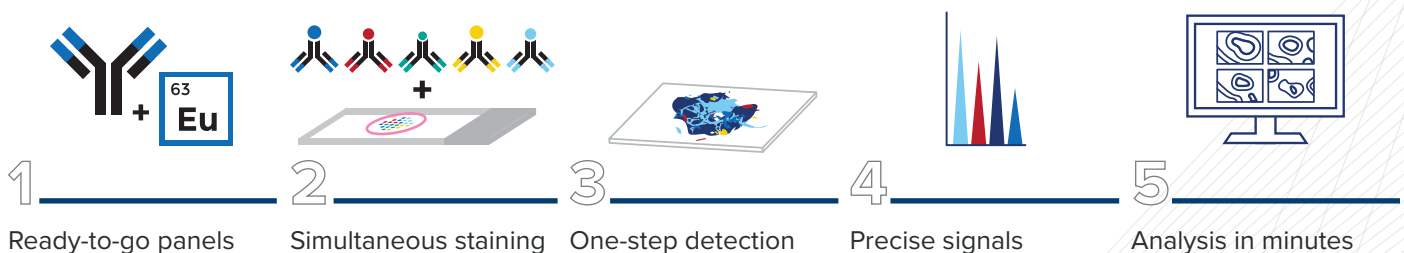
## HIGHLIGHTS

The only technology with

- 40-plus markers imaged simultaneously
- No autofluorescence interference
- Protein and RNA co-detection
- Integrated cell segmentation
- All-at-once batch slide staining and storage

## From tissue collection to high-plex insights in 3 days\*

Simplify your spatial imaging workflow without time-consuming panel design, acquisition cycles and management of spectral overlap.



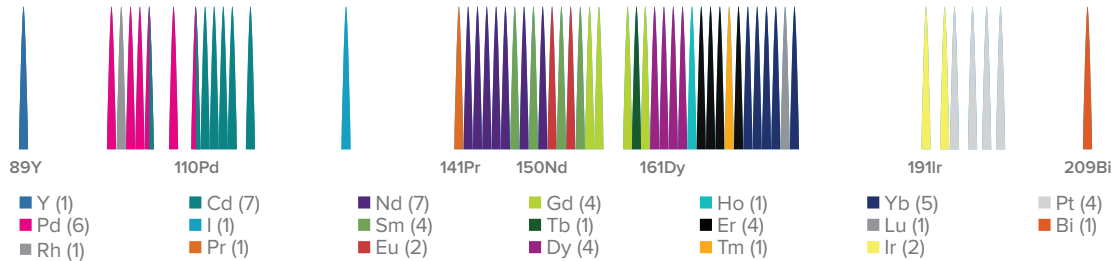
Explore mechanism of action, disease progression and therapeutic outcomes **with confidence.**

\*After panel and image analysis optimization

IMC applies **purified heavy metal labels**, not normally found in biological systems, instead of fluorophores.

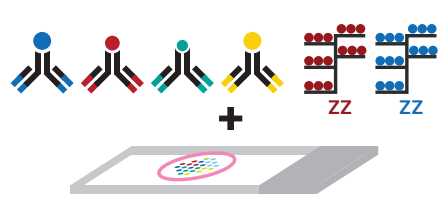
## 40-plus markers without compromise

IMC is the only technology equipped to handle high-plex imaging for all tissue types – including lung, bone marrow and brain – without the interference of autofluorescence.



## Capture targets of interest – in a single run

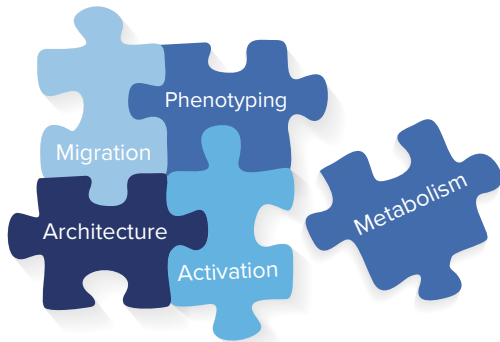
Simultaneously capture cell subpopulations, complex networks, cell-to-cell dynamics, cell distribution and biomarker expression.



- Tissue architecture
- Protein modifications
- Signaling pathway activation
- Cell injury states
- Cell proliferation
- Transcriptional signature
- Cytokines and chemokines
- And more ...

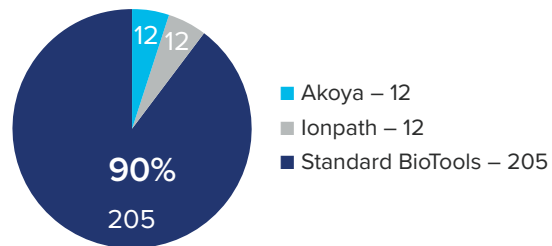
## High-plex panel design – with ease

Start with ready-to-go panels and easily customize targets of interest. **Design your panel in days, not months.**



## Established leader

For peer-reviewed high-plex imaging publications.



**As of December 2022.** A review of the Akoya Biosciences® website shows 12 peer-reviewed publications for PhenoCycler® (formerly CODEX®). The Ionpath® website lists 23 publications, but only 12 are peer-reviewed.

Sources: akoyabio.com/publication/; ionpath.com/publications/

Simplify spatial imaging with IMC  
[standardbio.com/imc](https://www.standardbio.com/imc)

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