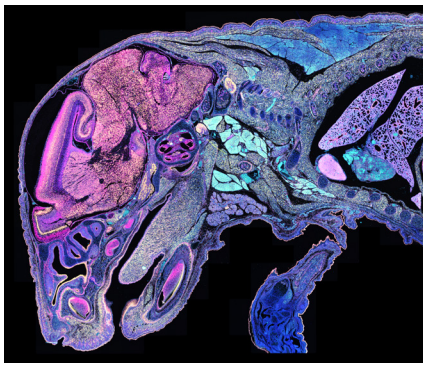
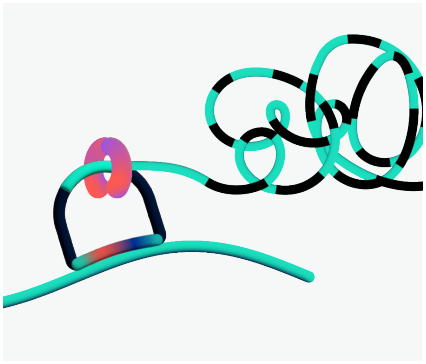
Combine the power of single cell & spatial to make the impossible, possible

Xenium In Situ

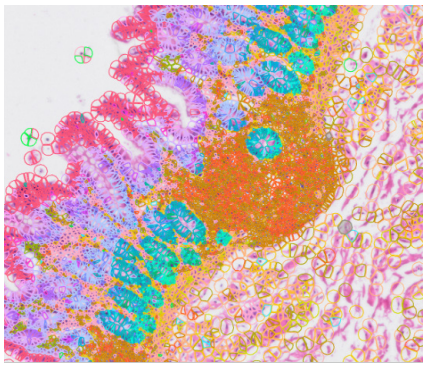
Xenium builds on our years of innovation in single cell and spatial technologies to deliver the most advanced end-to-end high-plex in situ platform on the market. The purpose-built design streamlines going from tissue section to data, with an automated analyzer, curated and/or custom panels, and intuitive visualization and analysis software.



Visualize & analyze the expression of 1,000s of genes in single cells in their native tissue context from FFPE or FF sections



Have confidence in your data thanks to Xenium's highly sensitive and specific padlock chemistry



Unite histopathology insights with your high-plex in situ data on the same tissue section

Up to 7x faster throughput than other platforms

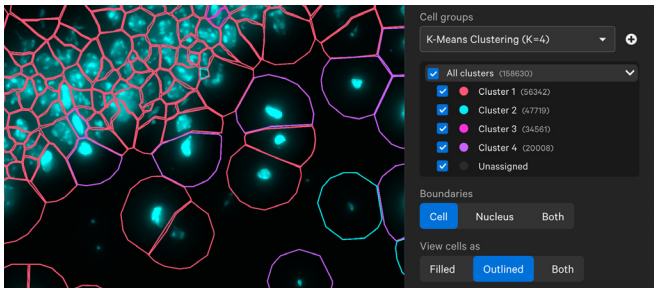
Fast workflow with 3 hours hands-on time & guided instrument run setup

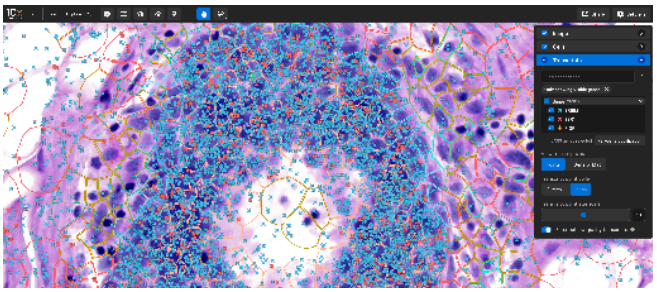
Simultaneously collects and processes data letting you visualize results right after a run completes

Analyze up to 1,400 mm² of tissue per week

Xenium Analyzer

Diverse panel menu to fit any research need





Pre-designed Xenium panels

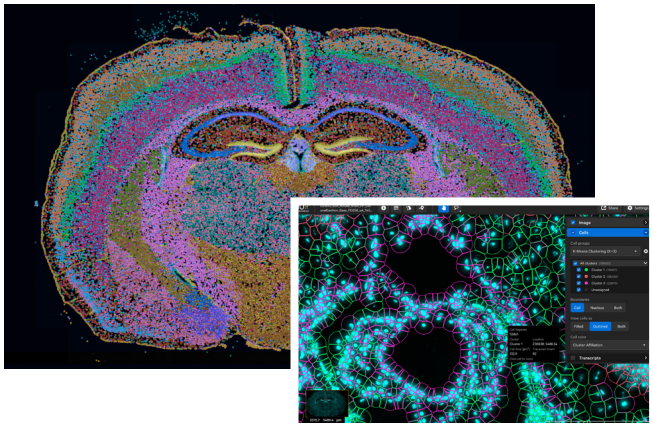
- Profile key cell types and states in human or mouse tissues, and customize with up to 100 additional genes
- Extensively tested by 10x Genomics on healthy and diseased tissues
- Ready to ship right away

Custom panels

- Select gene markers and signatures of your choosing
- Design probes for special applications (isoforms, fusions, viral/bacterial sequences, protein tags, and fluorescent reporters)
- Designed and delivered in 4–6 weeks

Immediate access to insights

Xenium Onboard Analysis automatically processes data during a run, without needing to wait for hours of post-run processing. Xenium Explorer, our intuitive visualization software, allows for seamless exploration of your in situ data. Xenium Ranger analysis pipelines give you the flexibility to further refine your data for your research needs, then continue your analysis journey in Xenium Explorer.



- Keep full ownership of your data at no extra cost and transfer it from the instrument to the storage location of your choosing.
- Visualize an entire unified image with overlaid morphology, segmentation, cell typing, and transcript density at any scale using Xenium Explorer.
- Import Xenium data seamlessly into third-party tools for filtering, clustering, trajectory analysis, and beyond without additional processing of the open file formats
- Easily reanalyze your data and visualize it in Xenium Explorer thanks to simple data interoperability