

## Clarity. Brilliance. Safety.

The EVOS M7000 Imaging System—designed for spatial gene expression technologies, like the Visium assay

The 10x Genomics™ Visium™ Spatial Gene Expression Assay is a streamlined, end-to-end workflow optimized to produce sequencing-ready libraries from fresh-frozen or formalin-fixed, paraffin-embedded (FFPE) tissue sections. It allows researchers to obtain whole-transcriptome, high-throughput gene expression analysis from intact tissue sections as well as from a wide variety of sample types. This solution helps researchers unravel the biological architecture of normal and diseased tissues and discover new tissue biomarkers.

The Visium assay integrates easily with existing histology techniques, supporting either hematoxylin and eosin (H&E) staining for morphological context or immunofluorescence for protein detection, simultaneously with gene expression.

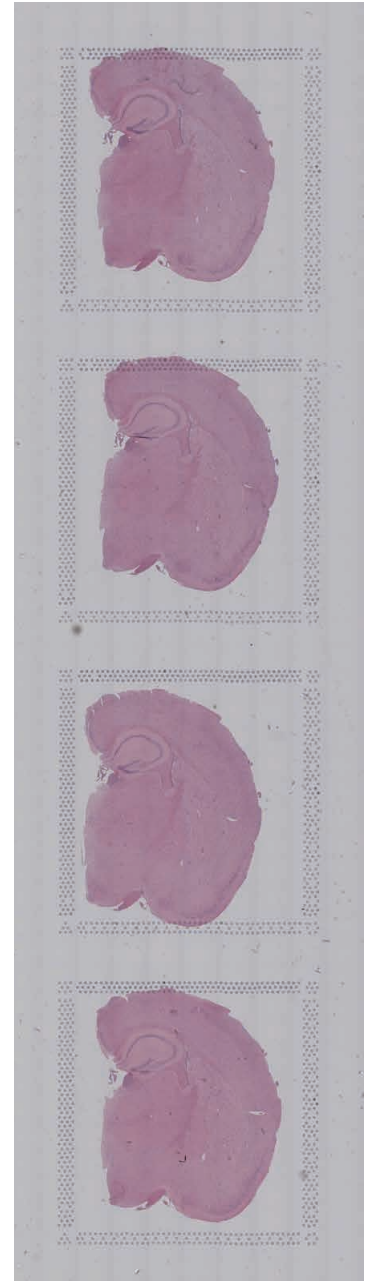
An ideal microscope for the Visium assay workflow is the Invitrogen™ EVOS™ M7000 Imaging System: a fully automated microscope with an icon-based user interface laid out according to standard imaging workflows. Fully integrated and automated, it allows a user to take images anywhere easily, without compromising on build or image quality.

The EVOS M7000 Imaging System requires minimal touch and has built-in safety features, which make it safer to use in a shared laboratory workspace.

# invitrogen

The system was designed by biologists for biologists to make microscopy accessible to any user. The design philosophy is to democratize imaging and take it out of the darkroom, both literally and figuratively.

The EVOS M7000 Imaging System has two cameras that offer superb image quality, as well as five fluorescence channels and acquisition routines specific to the Visium assay. With blazing-fast “image capture,” “tile,” “stitch,” and “save” modes, the risk of sample degradation is minimized. And with minimal maintenance, the EVOS M7000 system will deliver the expected data on time, every time. Request a consultation and quote at [thermofisher.com/evosdemo](https://thermofisher.com/evosdemo).



Learn more about the Visium assay with the EVOS M7000 Imaging System at [thermofisher.com/evosm7000](https://thermofisher.com/evosm7000)

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