

# OUR PROCESS

Combining patented technology with a unique, proprietary process, Flagship delivers better data with more actionable insights.

Flagship's unique tissue analysis process is based on more than 10 years of experience delivering the most impactful tissue data for drug development. Powered by innovative technology not available anywhere else, and managed by our scientific team's industry-leading expertise in tissue biomarkers, the Flagship process provides time-sensitive efficiency and the highest level of data quality.



## 1. Sample Receipt

We receive any type of sample relevant to a clinical trial or tissue diagnostic test (wet tissues, paraffin blocks, frozen sections, stained slides, images, etc.).

## 2. Slide Preparation

A full team of certified histotechnologists prepare slides with any received material.

## 3. In Situ Assay

Our team runs any assay on all of the major autostainer platforms (Ventana, Dako, Leica) to ensure flexibility and consistency throughout every project.

## 4. Scanning/Image Capture

Our high-throughput scanning lab utilizes the latest technologies for brightfield and fluorescent scanning.

## 5. Tissue Image Analysis Result Generation

Flagship's unique and patented cell-based image analysis technology, and the related workflow, ensure the most informative contextual tissue measurements while being flexible enough to analyze even the most challenging clinical samples.

## 6. Pathology Review of Tissue Image Analysis Results

Exclusive to the Flagship process, a board-certified pathologist reviews the analysis results on every sample, providing the gold standard in tissue analysis and ensuring the highest quality data.

## 7. Tissue Data Analytics

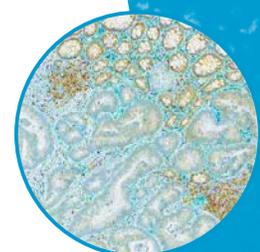
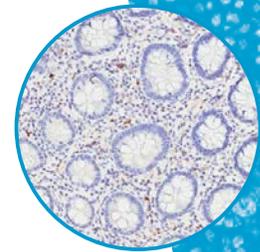
Also unique to the Flagship process, we employ proprietary machine learning and AI technologies to uncover the most important data in your clinical tissue biomarkers for patient selection, hypothesis testing, or understanding changes in cellular biology.

## 8. Reporting

Flagship's intuitive data reporting gives researchers, clinicians, and drug developers the actionable information needed to drive better clinical results for patients. This level of reporting is not available anywhere else.

### PUT THE PROCESS TO WORK

For the gold standard in tissue analysis,  
contact us at 303.325.5894  
or [info@flagshipbio.com](mailto:info@flagshipbio.com)





## ABOUT US

Founded in 2009 and headquartered in Broomfield, Colorado, Flagship Biosciences, Inc. is a data-centric pathology services company delivering the most accurate and informative data. We are revolutionizing tissue analysis to improve drug development and diagnostics using the power of AI. Our patented technology and proprietary workflow significantly improve on the data and interpretation from traditional pathology methods. We eliminate the variability associated with typical assessments and bring new insights to tissue analysis. With expert scientific consultation for every client, our team interprets results, contextualizes tissue biology, and identifies the best course for success.

### TO LEARN MORE ABOUT FLAGSHIP

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