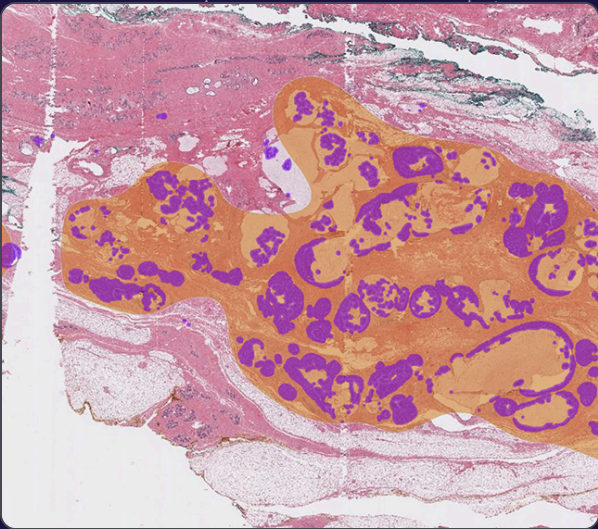


# HETA

## Tumor Cellularity

Tumor Cellularity measures tumor cell content and proposes which region to analyze, so labs know a sample is sufficient before molecular testing.



### WHAT IT DOES

#### Counts every cell in the tumor region

Every cell is detected and classified, so tumor cell percentage is measured, not estimated.

#### Flags whether the region meets the assay requirements

Checked against the minimum nuclei count and tumor cell percentage the lab sets for scraping.

#### Proposes a scrape region

Suggests the area to macrodissect with margin built in; the pathologist confirms or adjusts it in the viewer.

### WHY THIS MATTERS TO THE LAB

#### Fewer failed molecular tests

Pathologists estimate 10–20% of molecular tests fail because the tissue sent lacks enough tumor.

#### Conserve tissue

Fewer repeat biopsies and lengthy delays.

### BEHIND EVERY READOUT

#### Powered by Atlas 2

Fine-tuned from [Atlas 2](#) and HETA, our core platform for spatial H&E analysis.

#### Pan-organ by design

Every product covers all solid tumor types, so one set of tools works across your full case mix.

#### Seamless workflows

Analyze images and get results in your IMS.

### MORE FROM AIGNOSTICS, ACROSS THE LAB WORKFLOW

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| Quality Control | Measures slide quality before analysis, identifying a range of slide quality issues. |
| Tumor Detect    | Flags cases likely to contain tumor at scanning, so they are read first.             |
| PathoSearch     | A visual search engine for pathology cases.                                          |
| Mitosis         | Counts mitoses across the whole tumor area, providing a reproducible mitotic count.  |