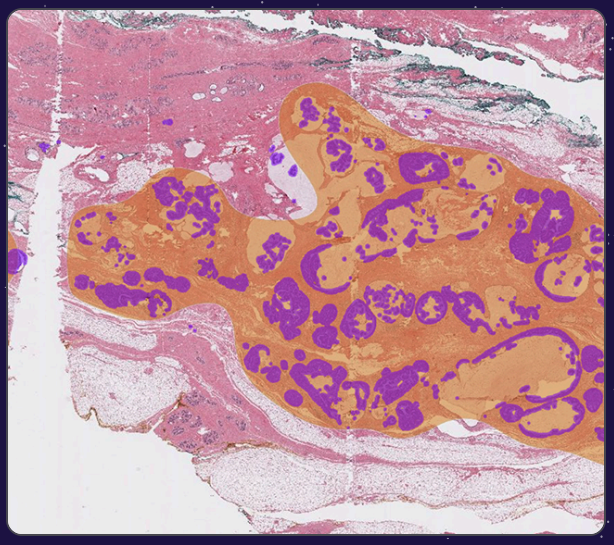
aignostics

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

Covers most solid tumor types, so one set of tools fits your 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.

Request a demo

hello@aignostics.com
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