

ATLAS H&E-TME

aignostics

Comprehensive spatial profiling for H&E images

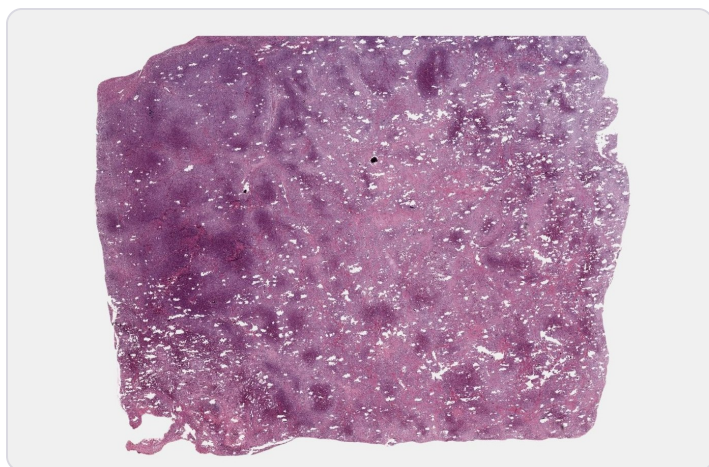
Last Updated: 13.08.2026

Atlas H&E-TME is powered by Atlas, the foundation model co-developed by Aignostics and Mayo Clinic. It matches or exceeds the accuracy of expert pathologists.

INDICATIONS COVERED

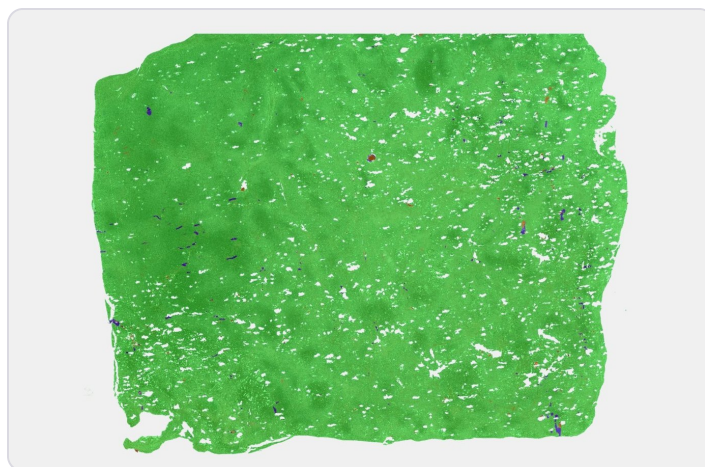
9 AVAILABLE (AS OF AUGUST 2026)

Bladder · Breast · Colorectum · Liver · Lung · Pancreas · Prostate · Stomach · Ovary



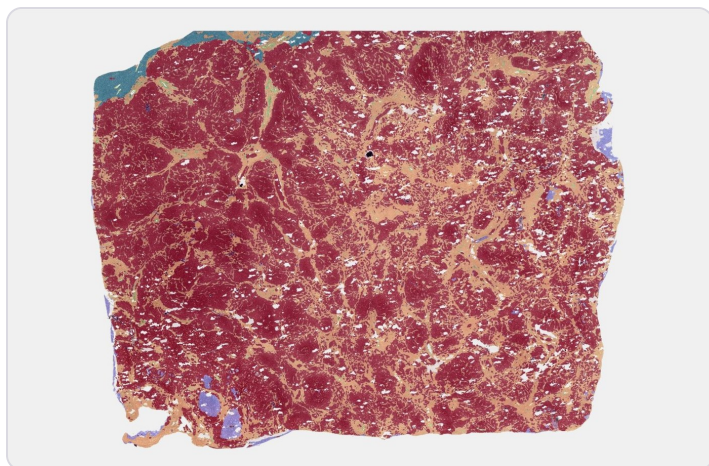
H&E · INPUT

A formalin-fixed, paraffin-embedded whole slide image.



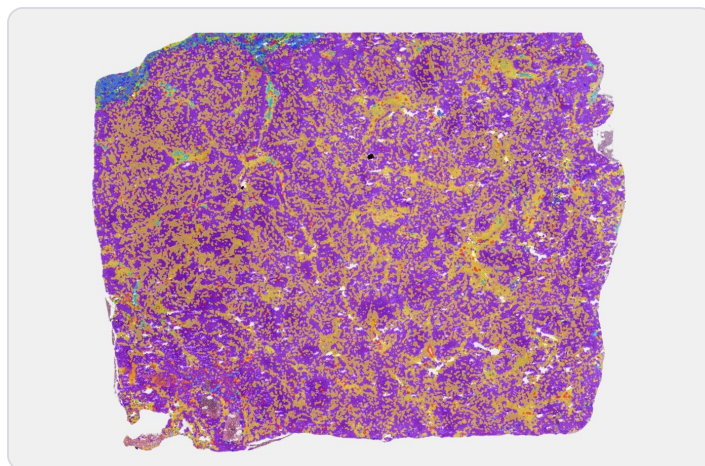
QUALITY CONTROL · 5 CATEGORIES

Valid · Out-of-focus · Artifact · Marker · No tissue



TISSUE SEGMENTATION · 7 TISSUE TYPES

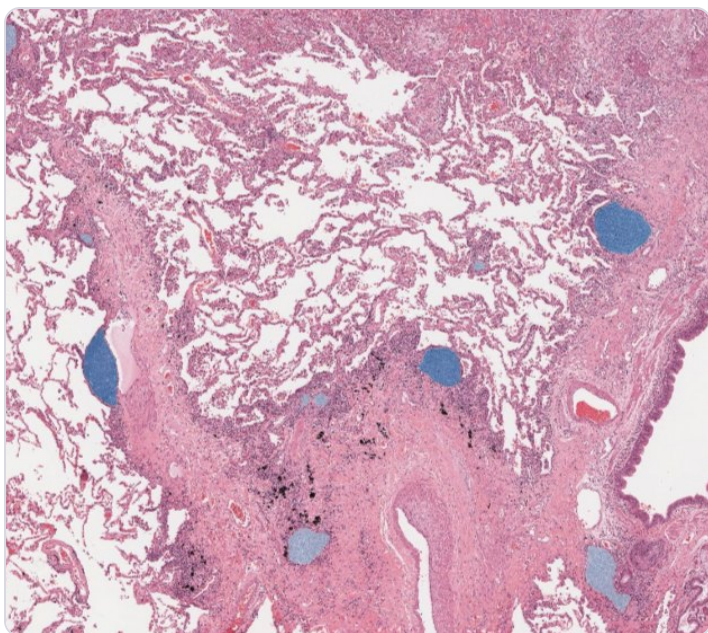
Carcinoma · Stroma · Epithelium · Necrosis · Vessel · Blood · Other



CELL CLASSIFICATION · 9 CELL CLASSES

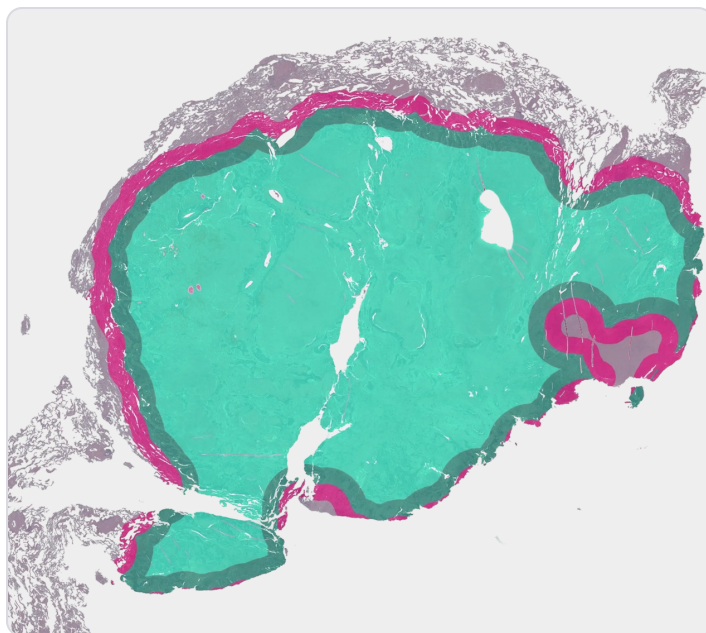
Carcinoma · Epithelial · Fibroblast · Lymphocyte · Plasma · Macrophage · Granulocyte · Endothelial · Other

HIGHER-ORDER SPATIAL FEATURES



TLS · TERTIARY LYMPHOID STRUCTURES

TLS detection identifies tertiary lymphoid structures and classifies their maturity.



WTR · WHOLE TUMOR REGION

WTR detection maps the tumor into core, invasive margins, and surrounding tissue.

QUANTITATIVE OUTPUTS

Over 4,500 spatial metrics per image, at the QC, cell, tissue, and neighborhood-level.

USE CASES

Atlas H&E-TME supports biopharma across the development pipeline – from characterizing the tumor microenvironment in translational research to stratifying patients in clinical trials.

IMS INTEGRATIONS

Atlas H&E-TME can be used directly within Proscia's Concentriq. More IMS integrations are on the way.



Get Started with a Free Trial

All life sciences customers are eligible for a free trial. Client data is never used to train our models and is deleted after analysis.

➤ aignostics.com/products/atlas-he-tme/for-life-sciences

Additional indications and spatial features will be released over time.

Atlas H&E-TME is intended for research use only. Not for use in diagnostic procedures.