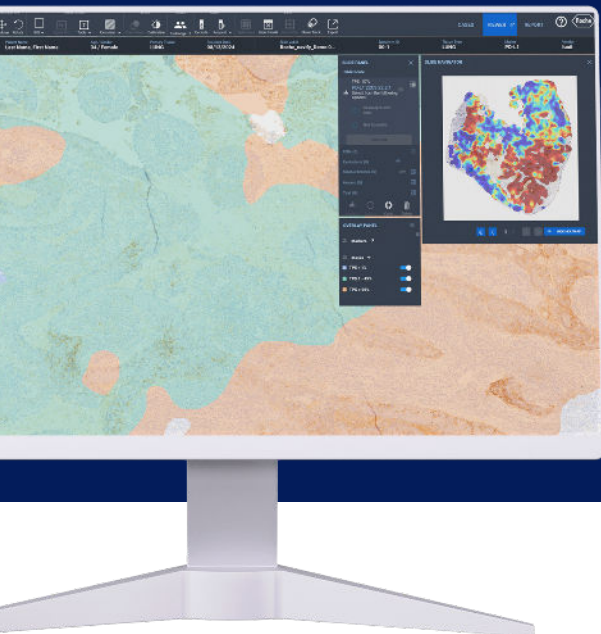




Lunit SCOPE PD-L1 22C3 TPS

on navify® Digital Pathology

Easy-to-use AI software to enhance your productivity.

BENEFITS



Improved accuracy and agreement



Efficiency gains



Seamless interoperability

DESCRIPTION

- Artificial Intelligence (AI)-based digital pathology image analysis software
- Analyzes digitized immunohistochemistry (IHC) stained whole slide image (WSI) taken from formalin-fixed paraffin embedded (FFPE) tissue
- Indication and antibody: NSCLC / **PD-L1 22C3 pharmDx only**
- Assists in the detection and classification of PD-L1 expression

FEATURES

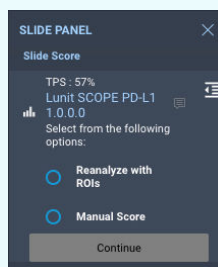
PD-L1 TPS Quantification

Tumor cell detection and TPS cutoffs



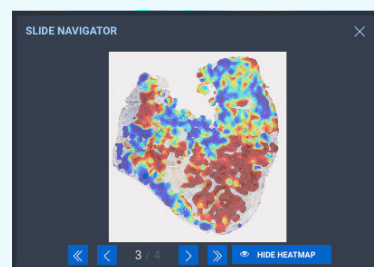
PD-L1 TPS Score

Slide-wide TPS score (%)



PD-L1 TPS Heatmap

Heatmap in blue (0%) to red (100%)



For Research Use Only

Not for use in diagnostic procedures or decisions.
Product not yet commercialized in the US.



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oncology@lunit.io

Boost your efficiency with **AI-Powered** speed and accuracy

Improves Accuracy

A study shows that Lunit SCOPE PD-L1 is more accurate for TPS scoring for edge cases. ⁽¹⁾

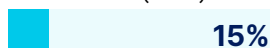
AI Analysis of Edge Cases⁽¹⁾ (TPS < 1% by Human Pathologists)

Objective Response Rate

AI-TPS < 1% (n=44)



AI-TPS ≥ 1% (n=40)

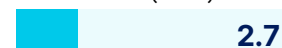


Progression Free Survival (months)

AI-TPS < 1% (n=44)



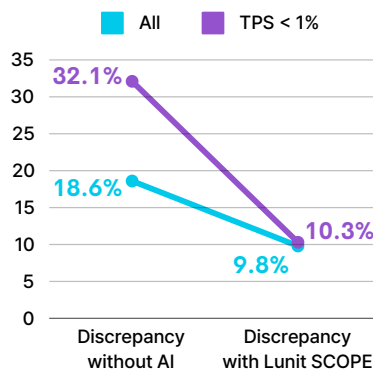
AI-TPS ≥ 1% (n=40)



Improves Scoring Agreement

Lunit SCOPE PD-L1 is proven to assist in reading consistency and improve scoring agreement by providing objective and reliable analysis results. ⁽²⁾

PD-L1 TPS Scoring Task⁽²⁾ (n=497)



Shortens Reading Time

A study shows that Lunit SCOPE PD-L1 helps to reduce TPS reading time by 32% ⁽³⁾

Mean Time to Read TPS⁽³⁾

Without Lunit SCOPE



285
Seconds

With Lunit SCOPE



195
Seconds

-32%

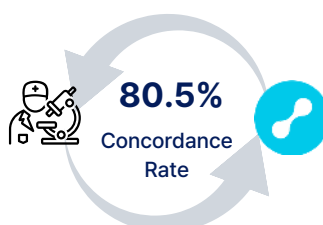
References:

1. Kim H. et al. 2024. Clinical Validation of Artificial Intelligence-Powered PD-L1 Tumor Proportion Score Interpretation for Immune Checkpoint Inhibitor Response Prediction in Non-Small Cell Lung Cancer, JCO Precis Oncol, 2024;8: e2300556.
2. Choi S. et al. 2022. AI-powered programmed death ligand 1 analyser reduces interobserver variation in tumour proportion score for non-small cell lung cancer with better prediction of immunotherapy response, EJC, 2022 Jul;170:17-26.
3. Kim S. et al. 2022. Observer performance study to examine the feasibility of the AI-powered PD-L1 analyzer to assist pathologists' assessment of PD-L1 expression using tumor proportion score in non-small cell lung cancer, JCO, 2022;40(16)

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Concordance Rate with Human Pathologists⁽¹⁾

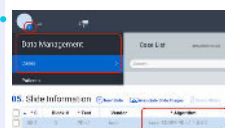


Streamlined Workflow

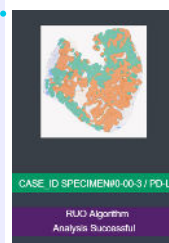
Scan and digitize WSI



Assign algorithm to a new case



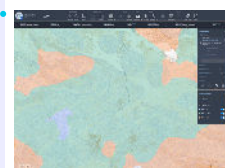
Auto-analysis will start automatically



View TPS results



Final analysis by reader



Report

