

Quick-Reference Guide for LNTD (updated on: November 2024)

Model backbone. LeNet5

Uses. Diagnosis for oral squamous cell carcinoma.

Warnings. This model may fail in classifying patients into oral squamous cell carcinoma and non-malignancy. Please be aware that the content has been generated by our deep learning models and may contain errors, inconsistencies, or outdated information. It is provided as-is without any warranties or guarantees of accuracy. We strongly recommend using this content as a starting point for further research and consultation with relevant experts or authorities. We disclaim any liability for consequences resulting from the use or reliance on this content. By accessing and using our deep learning-generated content, you acknowledge that you have read, understood, and agreed to the terms of this content disclaimer.

Directions for use.

- 1. Upload a whole-slide brightfield image into the RNTS model
- 2. Submit for segmentation
- 3. Download the results
- 4. Upload “file” into the LNTD model
- 5. Submit for prediction

Suggested methods.

H&E staining

Instant hematoxylin (Brand)	Epredia™ 6765015 (ThermoFisher)
Eosin Y solution (Brand)	15935 (Merck)

Acquisition of whole slide brightfield images

	Brightfield images
Magnification	40x
Resolution	0.23x0.23 μm/pixel
Imaging device	NanoZoomer S210
Device’s manufacturer	Hamamatsu

Questions or Comments. info@9da.ai