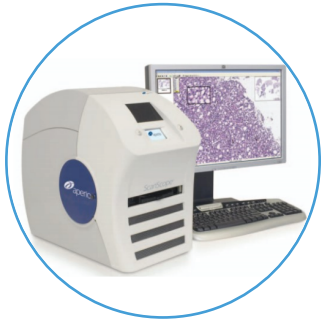


# Imaging & Analysis

Wax-it Histology Services Inc. uses the Aperio ScanScope digital scanning system to create seamless, true-color digital slide images of entire tissue sections in minutes.

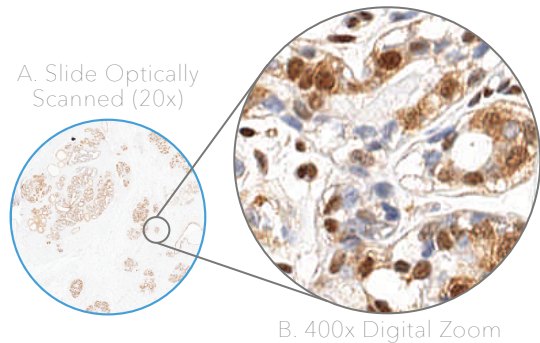
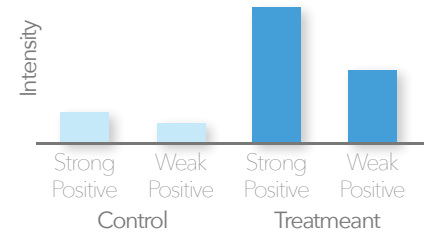
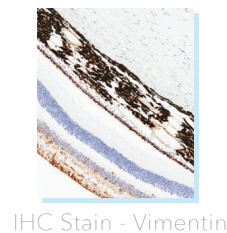


## Advantages of Slide Imaging

- High resolution and high quality images
- Improve turn-around times
- Quantitative transport data
- No need for a microscope
- Share slides with anyone you choose, regardless of geographic location

Quantified expression profile results are generated using a software driven scoring system for cost savings and convenience. All data is stored in Microsoft Excel format for ease of use.

Image A represent a slide optically scanned at 20x (low magnification), while image B represents a selected area, digitally zoomed to 400x (high magnification). The imaging software zooms the region of interest, generating high resolution images. These images ensure accurate and unbiased pixel count for quantitative data analysis.



## Digital Microscopy Imaging

**Digital Whole Slide Scanning** High-resolution imaging permits real-time zoom for region of interest.

**Staining Quantification** Semiautomated IHC quantification permit data acquisition of area scored, total positive pixels, average positive pixels, total staining intensity, and average staining intensity, all of which are separated amongst weakly and strongly stained.

**Pathological Scoring & Analysis** Our Pathologists will work with you to determine an appropriate scoring criteria.

**Report Generation** Quantified data can be collated into a presentation ready report or Microsoft PowerPoint presentation, while images can be professionally edited for publication ready submission.

