



UNIVERSITY OF MISSOURI - COLUMBIA
DEPARTMENT OF PATHOLOGY AND ANATOMICAL SCIENCES

WSI ANALYTICS LAB

Dr. Dmitriy Shin, Director

M281 Med Sci Bldg • Tel. (573) 884-0412 • wsianalytics@missouri.edu

WSI Analytics Lab offers digital scanning, processing and analysis of brightfield slides. We use an Aperio ScanScope CS system with proprietary image analysis software. The scanner is capable of 50,000 ppi (0.25 μm /pixel) dry-scanning and 150,000 ppi (0.17 μm /pixel) oil-scanning resolution. The system is connected to a secured storage array that provides long-term storage for slides that degrade over time.



Please use the order form on the other side to request a service. Priority service is available at 1.5 times the standard price.

Note that ScanScope cannot scan wet slides, double slides, slides with multiple labels or labels on the bottom, or broken slides. Faint tissue, air bubbles and glass cracks may negatively affect the resulting images. Tissue on the edges of the slide may not be included due to scanning area limits. For heavily damaged slides we offer re-slipping services.

Pricing

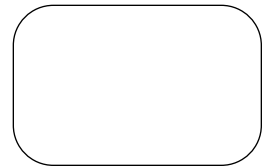
	MU School of Medicine	External Non-profit	External For-profit
Scanning (per slide)			
Set-up and scan 20x	\$12	\$25	\$50
Set-up and scan 40x	\$25	\$50	\$100
Set-up and scan 60x oil	\$30	\$60	\$120
Services			
Slide re-slipping, each <i>(not available for rush orders)</i>	\$3	\$6	\$10
DVD archive, per disc	\$2	\$3	\$4
Analysis* (per hour)			
Protein quantification	\$50	\$90	\$120
Histological feature detection & recognition	\$80*	\$120*	\$150*
	* Analysis pricing is subject to slide complexity and the need for consultation with a board-certified pathologist.		

Prices are subject to change. Delivery dates depend on the number of slides and services requested.

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ORDER FORM

Date _____

Rush

Primary Investigator _____

Department/ Address _____

P.I. Phone _____

P.I. E-mail _____

Project Name _____

WSI Analytics Lab appreciates your acknowledgement of our help in your research.

Contact (if not P.I.) _____

Contact Phone _____

Contact E-mail _____

Payment info
or MOCODE _____

Number of Slides _____

Resolution ___ 20x dry ___ 40x dry ___ 60x oil

Delivery Medium ___ DVD ___ External Drive (customer-provided)

The scanned images are saved as TIFF Stripes with JPEG2000 compression in SVS format on optical discs or on customer-provided media. Depending on scanned tissue size, each slide image will take up between 200 MB to 2 GB of storage space. ImageScope viewing software for Windows is included.

Special requests _____

Scanning completed _____

Slides picked up _____