

Vectra Polaris is an automated, high-quality imaging system for performing whole slide scans of tissue sections and microarrays (TMAs), and for acquiring multispectral (MSI) regions of interest.

Slide Requirements

- Make sure your slides are clean and nicely cover-slipped: no dust, bubbles, fingerprints or excessive mounting media around the edges or on the slides.
- For Immunofluorescence stained slides please make sure that you are not excessively using the PAP pen as shown in example on next page.
- If you have two or more tissue sections on the slide please use only one large coverslip to cover all sections (for example do not use two small coverslips to cover two sections).

Along with your slides, please submit a CMMC Histology Service Submission Form.

Make sure the order form is filled out completely and correctly. Index code is mandatory.

Forms can be found outside our lab door, 1-112 Massey Cancer Center or at our website:

<https://www.massey.vcu.edu/research/cores/cmmc/>

Submission of brightfield slides are accepted anytime Monday through Friday, 9am-4:30pm.

Submission of immunofluorescence slides require an appointment.

Please email Vita: vkraskauskie@vcu.edu to set up appointment

Current pricing for imaging:

Brightfield, MSI, whole slide TMA: \$1.5/slide

Brightfield TMA MSI: \$20/slide

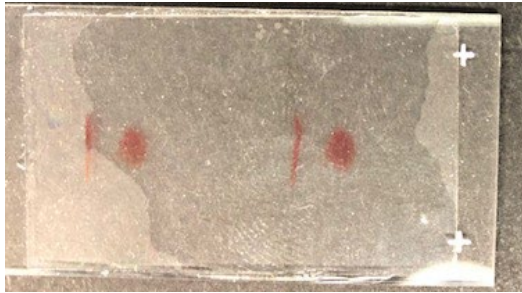
IF/OPAL 1-3 colors: \$2.75/slide

IF/OPAL 4-9 colors: \$5/slide.

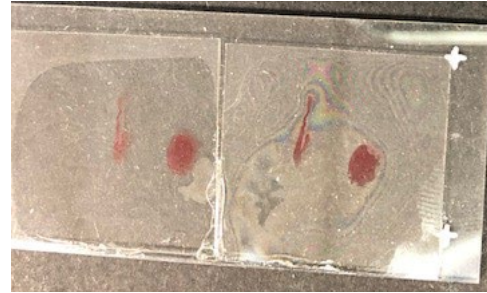
PLEASE NOTE: If submitted slides are not properly cleaned and ready to scan you will be charged \$45/hr for CMMC to clean and prepare slides.

For best images possible, ask Vita for help in avoiding or correcting these cover-slipping issues.

Some situations, **are not reversible** and will cause scanning to be a challenge which could result in a poor-quality image or no image at all.



Not enough mounting medium.



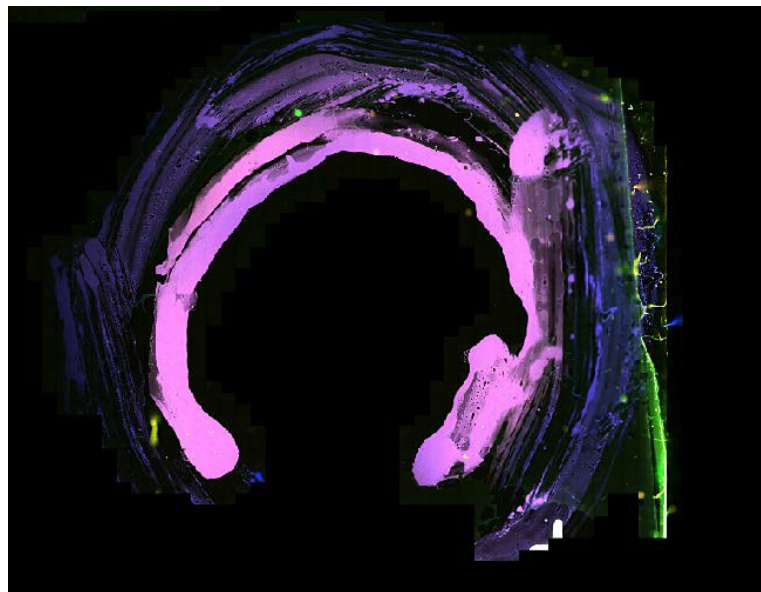
Two small coverslips



Too much mounting medium.



Bubbles in mounting medium.



Excessive PAP pen use.

