

# WHAT'S NEW IN INFORM 2.4?

inForm software allows image analysis of Akoya Biosciences imagery taken with Mantra, Vectra 3, or Vectra Polaris, along with standard image formats such as .tif, .jpg, and .png images.

Below, we've highlighted the new features of inForm 2.4:

- Whole slide region analysis (new in 2.4.6!)
- Whole slide batch processing (new in 2.4.6!)
- Microns (new in 2.4.6!)

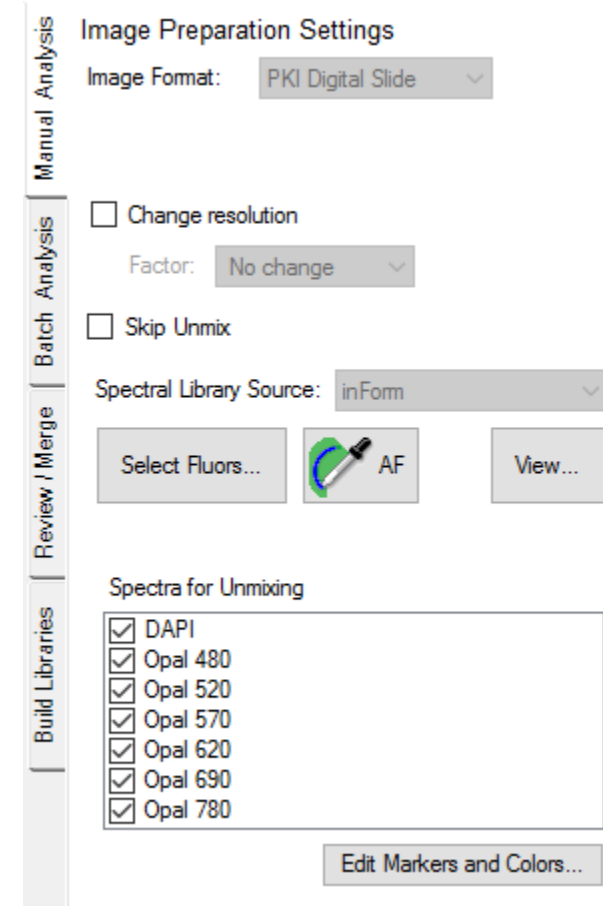


# WHOLE SLIDE REGION ANALYSIS

Load slides with annotations for inForm Projects to create algorithms and analyze Polaris whole slide scans.

- Select Digital Slide as a format, or open a .qptiff with annotations for inform Projects
- Fluorescent digital slides scanned with multispectral whole slide protocols (Opal 4 and Opal 7 Polaris slides) can be unmixed into components.
- Conventional fluorescent scans do not use spectral libraries

Save the algorithm for batch processing on larger whole slide regions.



The screenshot shows the software interface for Whole Slide Region Analysis. The 'Manual Analysis' tab is selected in the left sidebar. The 'Image Preparation Settings' section is visible, showing the following options:

- Image Format: PKI Digital Slide (dropdown menu)
- Change resolution
- Factor: No change (dropdown menu)
- Skip Unmix
- Spectral Library Source: inForm (dropdown menu)
- Buttons: Select Fluors..., AF (with a green and blue circular icon), and View...

Below the settings, the 'Spectra for Unmixing' section is visible, showing a list of spectral libraries with checkboxes:

- DAPI
- Opal 480
- Opal 520
- Opal 570
- Opal 620
- Opal 690
- Opal 780

An 'Edit Markers and Colors...' button is located at the bottom right of the 'Spectra for Unmixing' section.

# WHOLE SLIDE BATCH ANALYSIS



Using an algorithm created with annotations for inForm Projects, you can analyze large regions of digital slides in Batch Analysis

- Select slides with regions for inForm Batch using the slide browser. These regions can be stamps, ROIs or TMA cores.
- Cells will be uniquely numbered per slide in batch processing; there is no longer a 65,536 cell limit to an image.

# MICRONS

Data tables now show units in either microns or pixels. The microns option is available for imagery taken on a Mantra, Vectra 3, or Vectra Polaris.

- Select the Coordinate Units in the Table View Editor

