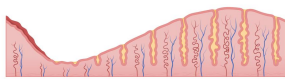


Multiplex Immunohistochemistry Staining Workflow

Step 1: Acquisition and processing of endometrial samples

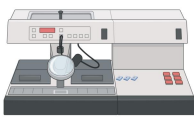
a Endometrial sample collection and fixation



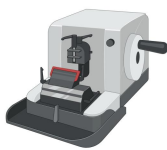
b Dehydration



c Embedding

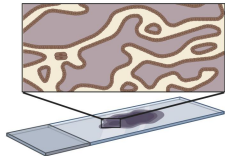


d Sectioning

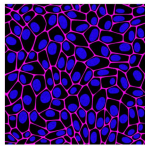


Step 2: Optimization

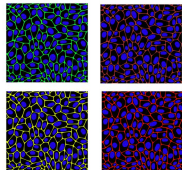
a IHC validation



b TSA monoplex staining



c TSA multiplex staining

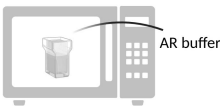


Step 3: m-IHC staining

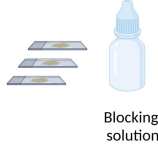
1. Dewaxing, hydration and fixation



2. Antigen retrieval



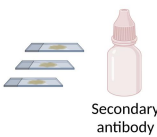
3. Blocking



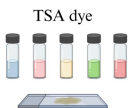
4. Primary antibody application



5. Secondary antibody application



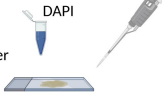
6. Signal amplification



7. Antibody removal



8. Counterstain

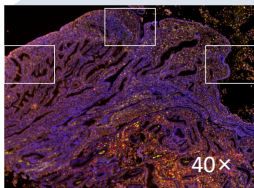
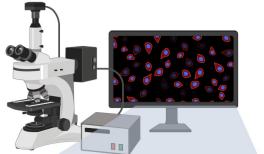


9. Mounting



Step 4: Image Acquisition and Analysis

a Capture images



b Image analysis

