

CASCA Hyperion IMC

Slide Recommendation and Tissue Mounting Guideline

Recommended slide dimension

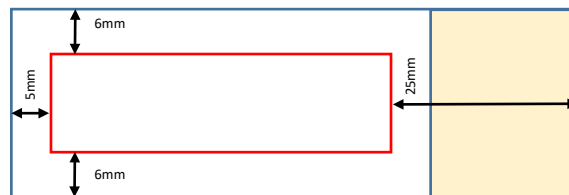
Width 25mm; length 75mm; thickness 1mm

Slide type

Any high quality charged glass slides of 25 x 75 mm used for IHC is compatible with IMC.

Where to mount tissues section

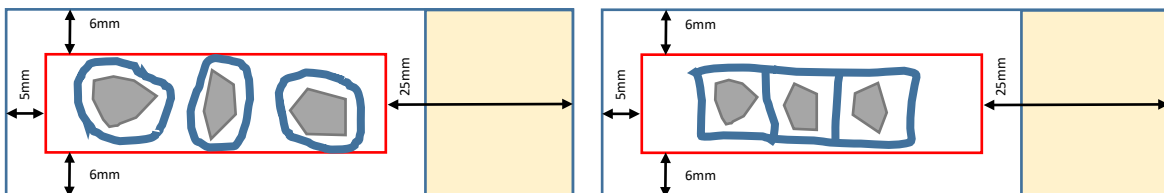
Tissue should be mounted within the margins, outlined in red, in the diagram below. If mounting more than one section on a single slide, please spread out the sections to ensure enough empty space exists between sections.



How to mount multiple tissue sections on the same slide

Ensure there is sufficient spacing between each tissue sections to allow pap pen to encircle around each tissue.

For example (tissues in gray, pap pen circles in blue):



Tissues Section Thickness

The instrument is able to ablate tissue with in the range of 3-10 microns. The ideal thickness is 4-5 microns. Single-cell resolution might suffer in thicker sections.