



Visium CytAssist and Visium HD Slide Preparation Guidelines

Sample	FFPE block
<p>Slides (NOTE: these slides have been validated. Do not use other products.)</p>	<ul style="list-style-type: none"> VWR Superfrost Plus Micro Slide, Premium (48311-703) Epredia Shandon ColorFrost Plus Slides Fisherbrand SuperFrost Plus Microscope Slides Sigma-Aldrich Poly Prep Slides (P0425) <p>** Do not use Leica BOND PLUS slides, Leica Biosystems (S21.2113.A)</p>
<p>Tissue Sectioning</p> <p>(NOTE: We strongly recommend that users come to the single cell core to obtain a glass slide with label and use it as template)</p>	<ul style="list-style-type: none"> FFPE blocks should be sectioned at 3-10 µm thickness and mounted on the label side of slides. The Visium CytAssist Tissue Slide Cassette will be mounted onto the slide within the available area (the green line). The area of interest (11mm*11mm) should be centered within the available area in the cassette. <p>(Only one area of interest will be chosen and must fit inside 11mm*11mm area)</p>
<p>Replicates</p>	<ul style="list-style-type: none"> 2 to 3 slides, or 2 to 3 tissue samples fit within the area of interest based on your experimental design.
<p>After sectioning</p>	<ul style="list-style-type: none"> After sectioning and prior to use or storage, to improve tissue adherence, bake slides at 42°C for 3hours.
<p>Storage</p>	<ul style="list-style-type: none"> Slides should be stored in a sealed sample box with desiccants at 4°C, keep the slides dry and cold. Slides could be stored for up to 2 weeks, long-term storage can be done but may result in decreased sensitivity.