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CosMx FFPE Microtome Sectioning

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Protocol status: Working

We use this protocol and it's working

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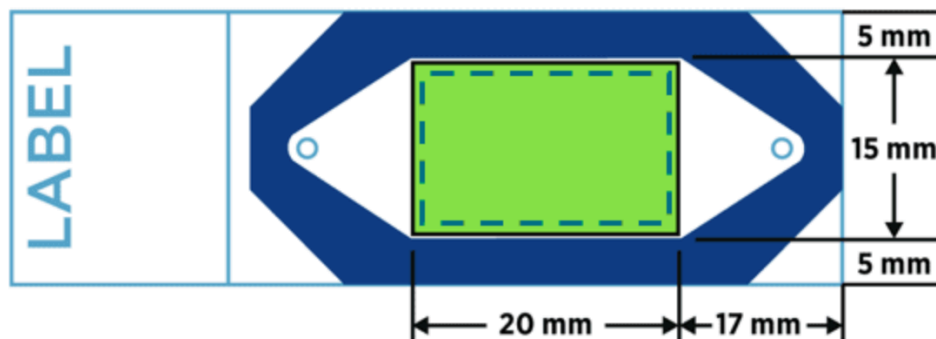
Protocol Integer ID: 126299

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Abstract

Protocol for sectioning FFPE blocks for use with CODEX

- 1 Place the paraffin blocks on wet ice for 5-10 minutes to rehydrate
- 2 Heat up a water bath to 40° C
- 3 Insert a new blade into the microtome
- 4 Prepare Leica Bond Plus slides next to the microtome
- 5 Place a paraffin block on to the microtome and cut into it until the desired part of the sample is reached
- 6 Section the tissue at 5 μ m
- 7 Place the sectioned tissue in the water bath until it flattens out
- 8 Place a prepared slide in the water bath, move it towards the tissue, and gently lift it out of the bath
- 8.1 Ensure that sample remains in the scan area





- 9 Change the blade (or move it so an unused portion is being used) between samples and when there is paraffin build up or chipping on the blade
- 10 Let the slides dry facing upwards at an angle
- 11 Bake overnight in a 60°C oven