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## CODEX FFPE Microtome Sectioning

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**Protocol status:** Working

**We use this protocol and it's working**

**Created:** May 14, 2024

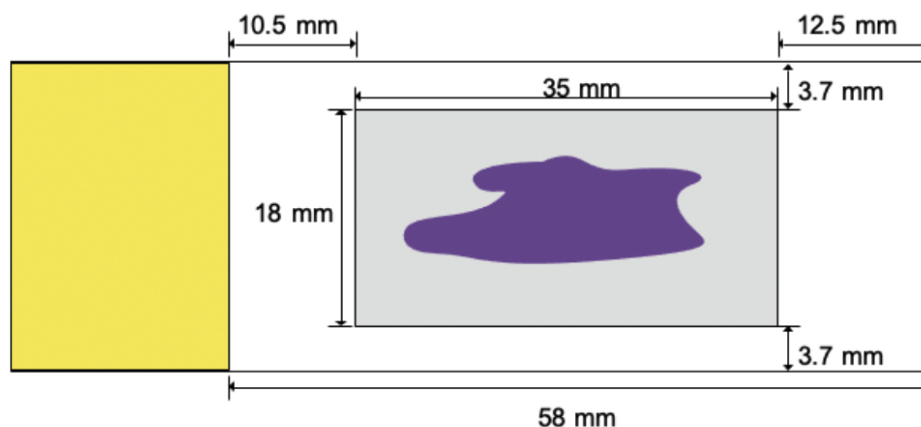
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### Abstract

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 Superfrost Plus Microscope slides (Cat. No: 1255015) 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 4  $\mu\text{m}$
- 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 Make sure that the tissue is within these boundaries





- 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 Store the slides at 4° C for up to 6 months