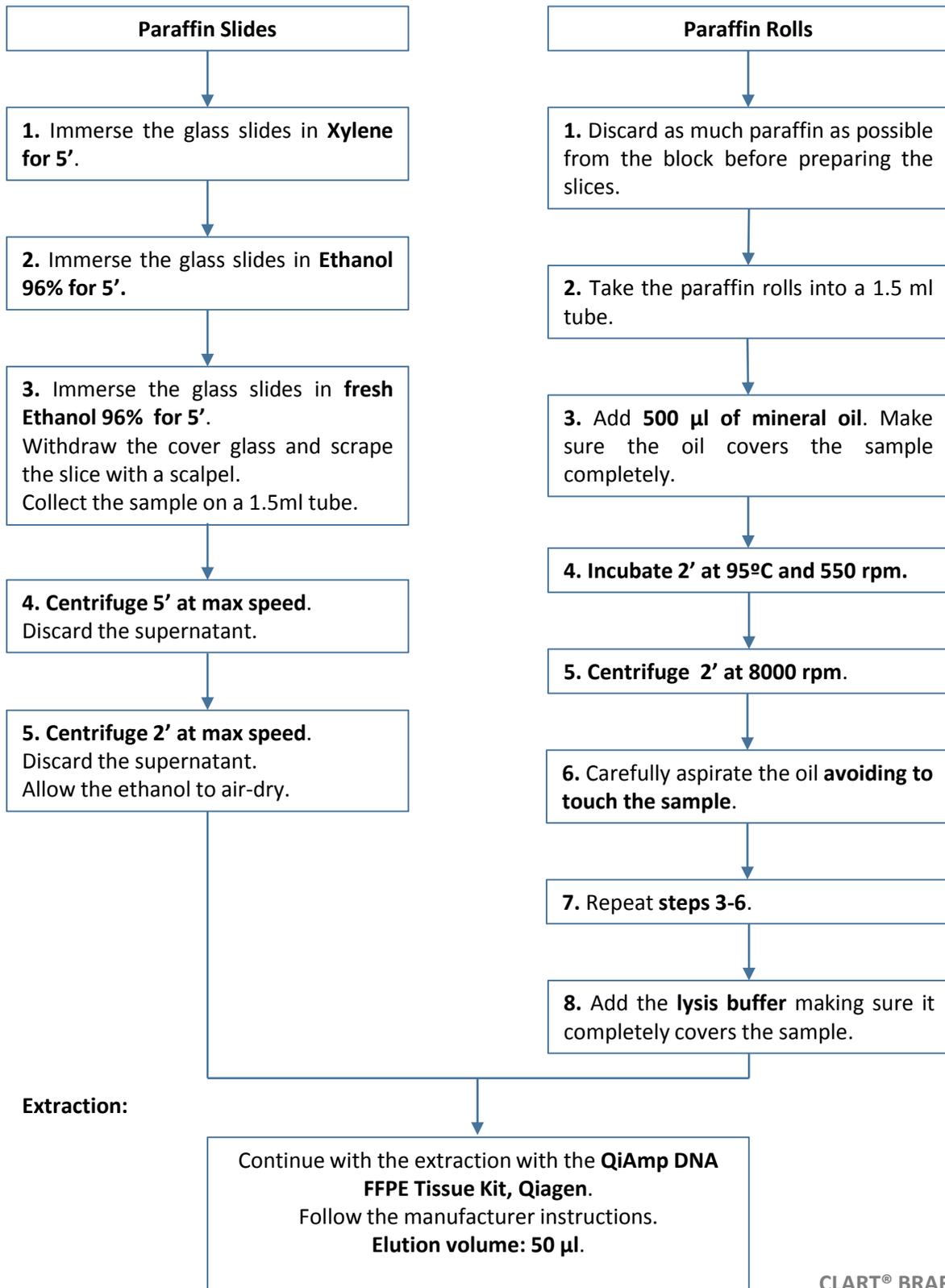


Extraction:

Before starting the extraction:

- ✓ A pathologist must analyse each sample to verify and define the tumour area.
- ✓ The percentage of **tumour cells** should be at least **20%** per sample in order to obtain significant results.

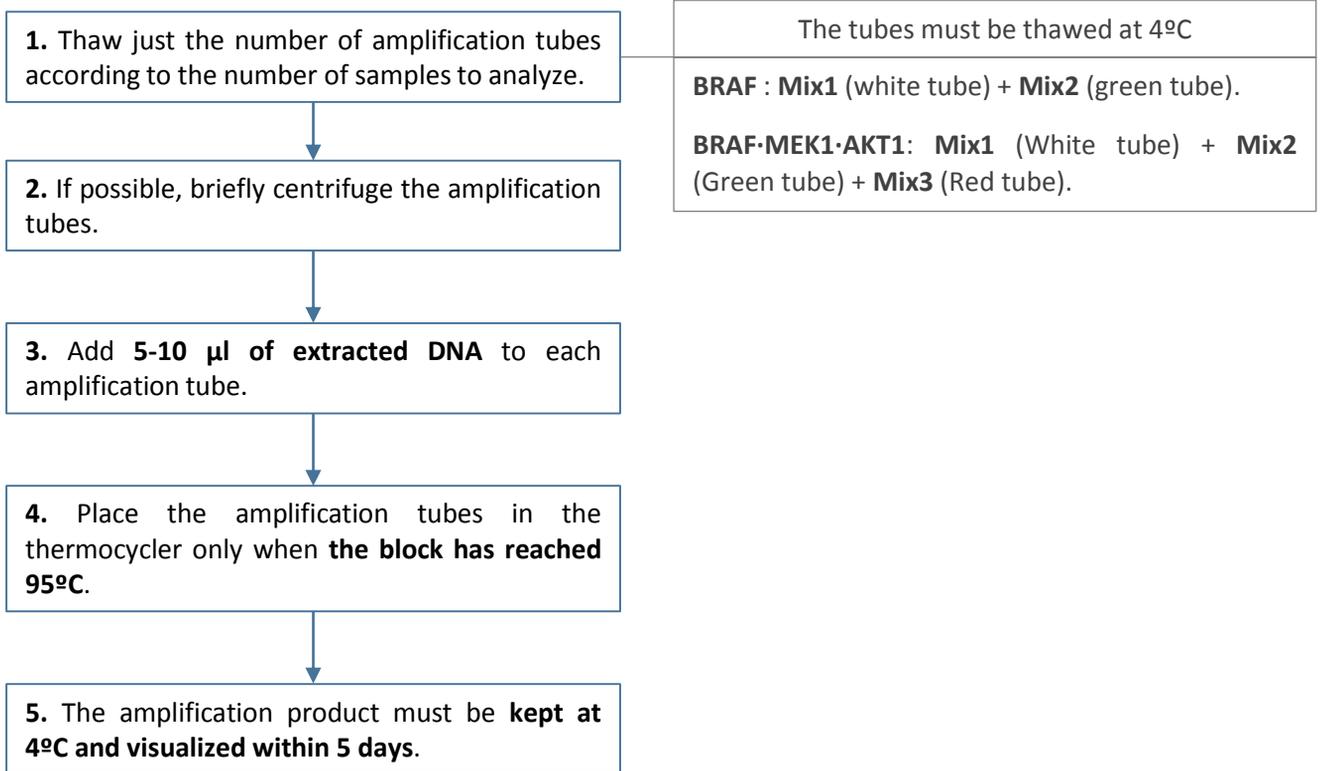
Deparaffination:



Amplification:

Before starting the amplification:

- ✓ The amount of genetic material added to each amplification tube should be **150 ng** in a max volume of 10 μl .
- ✓ It is recommended to dilute the extracted DNA to **30 ng/ μl to add 5 μl to each amplification tube.**
- ✓ If DNA concentration is lower than 15 ng/ μl the extraction should be repeated.
- ✓ It is recommended the use of conventional thermocycler or adjust the temperature ramp to the assays needs (see point 7.3 on the user's manual).
- ✓ **Keep the amplification tubes at 4°C at all times.**



PCR program:

1 cycle	95°C	15'
40 cycles	94°C	60"
	66°C	60"
1 cycle	72°C	10'
1 cycle	4°C	∞