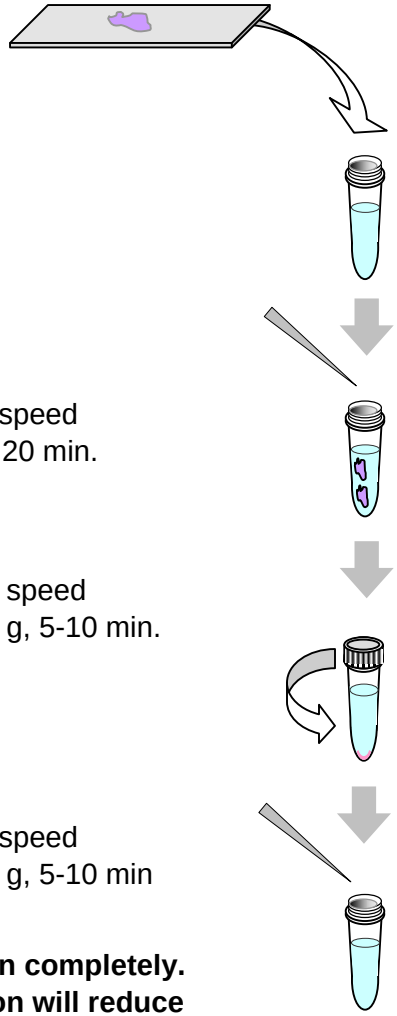
WaxFree™ DNA

Paraffin Sample DNA Extraction Kit

QUICK REFERENCE GUIDE

Standard Protocol



Paraffin Section
1 section
(5-20 μm thick)

Transfer to a 2 ml tube

Add **0.8 ml Q-Solution**
to the tube.

- Vortex 30 sec. High speed
- Incubate at 55^{0}C for 20 min.

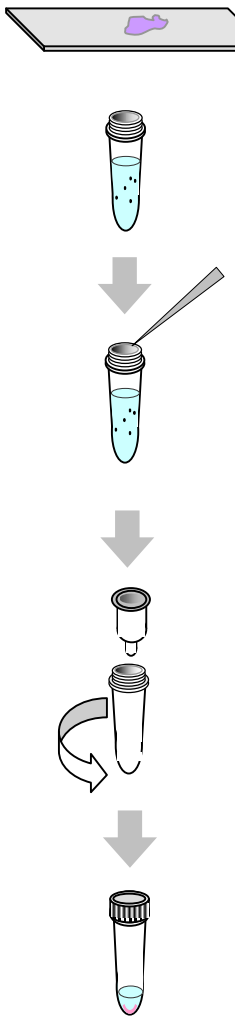
- Vortex 30 sec. High speed
- Centrifuge, 10,000 x g, 5-10 min.
- Discard supernatant

Add **1 ml Wash Buffer**
- Vortex 10 sec. High speed
- Centrifuge, 10,000 x g, 5-10 min
- Discard supernatant

Remove wash solution completely. Residual wash solution will reduce the DNA yield.

Follow short protocol to complete extraction

Short Protocol begins here



If following Standard Protocol, use the tube (with pellet) directly after removing wash solution

If extracting from:
- Paraffin section or
- 10-30mg fresh or frozen tissues or
- 10^3-10^8 culture cells

Transfer tissue/cells to a 2 ml tube

Add **120 µl WaxFree-Resin** (mix before use)

Add **7µl Enzyme Mix**.
- Mix by flicking the tube
- Incubate at 55^{0}C for 1 hour.
- Incubate at 95^{0}C for 10 min.

Transfer the Mix into the **WR-filter**
- Centrifuge 1,000 x g, 2-3 min
- Discard filter

Use 1-2 µl of the filtrate for PCR (50 PCR reactions total)