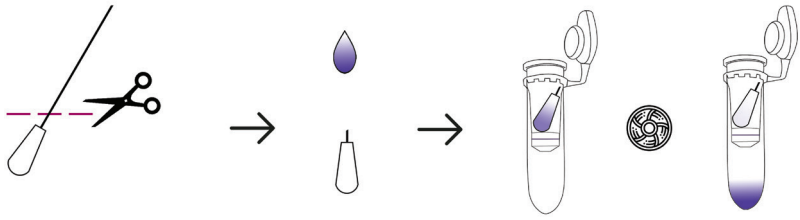
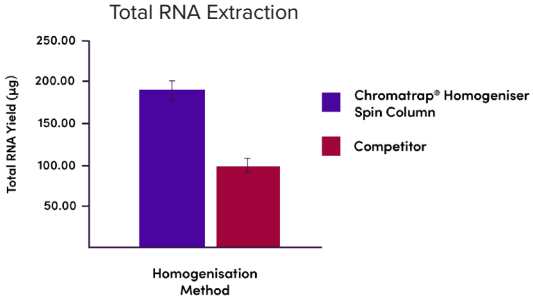
Preparation of Buccal Swabs for RNA Extraction

The Chromatrap® Homogeniser Spin Column provides a fast and efficient method that ensures samples are optimally prepared for downstream RNA extraction. The novel dual frit design reduces lysate viscosity and captures insoluble debris by centrifugation. The homogenised lysate sample is then ready for RNA extraction. Maximise detection of viral RNA with a simple method that is compatible with all manual RNA extraction procedures including the Qiagen RNeasy and PureLink RNA kits.



Method

1. Cut end of Buccal swab and add 400 µl Lysis Buffer. Vortex for 1 min.
2. Transfer lysate-swab mixture to a Chromatrap® Homogeniser Spin Column.
   Note: It is important to transfer the swab and the lysate on to the spin column to avoid any loss of RNA.
3. Centrifuge at maximum speed for 5 mins.



Higher total RNA obtained from three buccal swab sample using Chromatrap® Homogeniser Spin Column compared to market leading homogeniser.

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