

**User-developed
protocol**

User-Developed Protocol:

Acetyl Cysteine (NALC) treatment of viscous samples

This procedure has been developed by customers, and is for use with the QIAamp[®] DNA Mini Kit. **It has not been thoroughly tested and optimized by QIAGEN.**

Please be sure to read the QIAGEN[®] *QIAamp DNA Mini Kit and QIAamp DNA Blood Mini Kit Handbook* and the detailed Tissue Protocol carefully before beginning this procedure.

Procedure

- 1. Add 1 volume NALC solution to 1 volume sample. Incubate while agitating gently, until the sample has attained the desired fluidity.**
100 ml NALC solution contains:
 - 50 ml 2.94% sodium citrate
 - 50 ml 4% sodium hydroxide
 - 500 mg N-acetyl-L-cysteine (Sigma, product no. A7250)
- 2. Treat the samples by either of the following methods:**
 - A. Pellet cells and wash with PBS, or**
 - B. Concentrate samples by using centrifugal micro-concentrators.**
- 3. Continue with step 1 of the Tissue Protocol in the *QIAamp DNA Mini Kit and QIAamp DNA Blood Mini Kit Handbook*.**

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