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.


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