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**Treatment for thiol modified oligonutides.**

- 1.**  
Dissolve the dried thiol-modified oligonucleotide (5 OD based) in distilled water or an appropriate buffer, e.g 0.1M TEAA pH 7.5 (50  $\mu$ l)
- 2.**  
Add 10  $\mu$ l of 1.0 N dithiothreitol (DTT), vortex, then incubate at room temperature for 15 minutes.  
  
(1.0 N DTT: 0.01 M Sodium acetate (pH 5.2) 20 ml + 1.545g DTT dissolve (filtration)) dissolve
- 3.**  
Remove excess DTT and unwanted thiolfragments from the thiol-modified oligonucleotidemixture by extracting with ethyl acetate 3 times, using 50  $\mu$ l per extraction. Discard the upper layer after vortexing the mixture. You must immediately proceed to the next step since the free sulfhydryl group becomes unstable after the removal of DTT.

