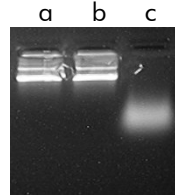




Products were extracted in RNase free water. The extract was then added to an RNA standard. The RNA standard was incubated at 37°C for 1 hour and then heated to 65°C for 5 minutes. RNA samples were then run on an agarose gel, photographed and evaluated for degradation. No visible degradation was found present in the product samples and the samples are considered RNase free.



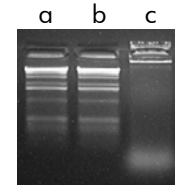
Lane (a) test of the submitted products, (b) unexposed RNA standard as a negative control, (c) RNA standard exposed to RNase as a positive control.

**Deoxyribonuclease (DNase):**

ViaPure lots are tested for DNase and are free of any detectable DNase contamination.

Products are tested for DNase activity by the following protocol:

Products are extracted in DNase free water. The extract was then added to a DNA standard. The DNA standard was incubated at 37°C for 1 hour and then heated to 65°C for 5 minutes. DNA samples were then run on an agarose gel, photographed and evaluated for degradation. No visible degradation was present in the product samples. Therefore the products are considered DNase Free.



Lane (a) test of the submitted products, (b) unexposed DNA standard as a negative control, (c) DNA standard exposed to DNase as a positive control.

