RQ1 RNAse-free DNAse

Prepared by Ms Alex Aitken

From Promega
Catalogue # M6101
1000u
1u/µl

Stored at –20C in aliquots in white box

Protocol

Add 10x buffer to the RNA sample to bring the final concentration to 1x.

Add 1µl of DNAse

Mix by flicking tube (no vortex)

Incubate at 37C for 25min

Incubate at 70C for 10min

Test for absence of DNA by PCR by running a PCR with reliable primers

If no product is visible proceed to RT-PCR.

NB. Promega claims 1u of DNAse degrades 1µg DNA in 10 min at 37C. However the above protocol is what I have found to work well. Adding >1µl (i.e. 1u) of enzyme does not greatly increase DNA degradation. It is best to add fresh DNAse and incubate again.