Concentration
10 U/µl

Unit Activity
One unit is the amount of enzyme required to completely digest 1 µg of DNA in 10 minutes at 37°C in a 25-µl total reaction volume.

Test Conditions
A 350-bp RNA transcript is incubated in the presence of a 100-fold molar excess of the RNase Free DNase I. Transcripts are visualized on a 6% denaturing polyacrylamide gel to verify the integrity of the RNA transcript.

Storage Buffer
DNase I, RNase Free is supplied in 10 mM Tris-HCl (pH 7.5), 10 mM MgCl₂, 10 mM CaCl₂ and 50% (v/v) glycerol.