Novagen®

Certificate of Analysis

Product: RNase A Solution
Novagen Material Number: 70856-3
Kit Batch Number: D00131495
Components: 1 x 1 ml of 10mg/ml RNase A in 10 mM Tris-HCl, pH 7.5, 50% glycerol
Storage: *Store at +15°C to +30°C.*

Test Conditions: *Functional:* Functional activity is verified by incubation of a ribonuclease substrate poly(C) with 1 ng of RNaseA for 5 minutes at 37°C. Activity is measured by reading the absorbance of the supernatant at 280nm, which increases as the poly(C) is broken down into acid-soluble nucleotides by the enzyme. An A_{280} greater than 0.5 was observed, verifying the degradation of the poly C substrate.
DNase Assay: Levels of contaminating DNase activity are undetectable as verified by agarose gel analysis of supercoiled plasmid DNA incubated with the RNaseA in the presence of restriction enzyme buffer for 1 hour at 37°C. No degradation of the DNA was observed upon analysis of the gel.

Certified By: T. Hossain, Manufacturing Quality Support Manager
Date: 16-May-2012

For Research Use Only.

Warranty: EMD Chemicals, Inc., Novagen brand warrants that the product will meet or exceed these specifications when used (under normal conditions) in your laboratory. We will promptly replace the product free of charge if the product does not conform to these specifications. Our obligation and your sole remedy is limited to such replacement in the event that the product proves to be defective. No other warranties are expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. EMD Chemicals, Inc., Novagen brand is not liable for consequential damages.