

Certificate of Analysis

Product: RNase A Solution
Novagen Material Number: 70856-3
Kit Batch Number: D00139793
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: D. Kiser, Site Head of Quality, San Diego, Temecula and Ramona
Date: 26-Nov-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.

Shipping temperature may differ from storage temperature. This does not alter the performance of the product.

EMD Millipore Corporation | 10394 Pacific Center Court San Diego, CA 92121 USA

Technical Support NA +1-800-221-1975 | email: www.millipore.com/techservices | www.novagen.com

Technical Support All Other Countries - Contact Your Local Office

FOR RESEARCH USE ONLY. Not for use in diagnostic procedures. Not for human or animal consumption. Purchase of this product does not include any right to resell or transfer, either as a stand-alone product or as a component of another product. Any use of this Product for purposes other than research is strictly prohibited.