



# Certificate of Analysis

## Novex® 15% TBE-Urea Gel

Product No. EC688  
Lot No. 13072454  
Date of Manufacture 24Jul2013  
Expiration Date 04Sep2013

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This certificate of analysis applies to the following catalog numbers:

<u>Catalog No.</u>	<u>Description</u>	<u>Pack Size</u>
EC6885BOX	1.0mm 10-well	10 gels/box
EC68852BOX	1.0mm 12-well	10 gels/box
EC68855BOX	1.0mm 15-well	10 gels/box

### **Testing Conditions**

Gels were run using Novex® TBE Running Buffer, with RNA markers and synthetic oligonucleotides. The gels were electrophoresed at 180V until the dye front reached the bottom of the gel.

### **Migration**

300 base migrated to  $0.160 \pm 0.050$  Rf, 80-mer to  $0.370 \pm 0.050$  Rf, 42-mer to  $0.550 \pm 0.050$  Rf, and 21-mer to  $0.780 \pm 0.050$  Rf.

### **Straightness**

Across the gel, the migration of a given band did not vary more than 7% of the length of the gel.

### **Curvature**

In each of the two outermost lanes, the migration of a given band did not vary more than 3.5% of the length of the gel..

### **Appearance**

Gels run were free of swirls, bubbles, and debris. Bands were sharp and flat. There was no RNA degradation.

### **Overall Result**

Meets Specification

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For Research Use Only. Not for use in diagnostic procedures. If you have any further questions about this Certificate of Analysis, please contact Technical Services at 1-800-955-6288 (US and Canada) or 1-760-603-7200, x2 (all other countries).

Life Technologies  
5791 Van Allen Way  
Carlsbad, CA, USA 92008  
[www.lifetechnologies.com](http://www.lifetechnologies.com)  
For inquiries, contact us at [cofarequests@lifetech.com](mailto:cofarequests@lifetech.com)

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Rick Fletcher  
Director, Quality  
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