

# Certificate of Analysis

NuPAGE® Novex 4–12% Bis–Tris gel

Product No. NP033  
Lot No. 17040571  
Date of Manufacture 05Apr2017  
Expiration Date 04Aug2018

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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>	<u>Catalog No.</u>	<u>Description</u>	<u>Pack Size</u>
NP0330BOX	1.0mm IPG–well	10 gels/box	NP0336BOX	1.5mm 15–well	10 gels/box
NP0335BOX	1.5mm 10–well	10 gels/box	NP0336PK2	1.5mm 15–well	2 gels/box
NP0335PK2	1.5mm 10–well	2 gels/box	NP0337BOX	1.5mm 2D–well	10 gels/box

### **Testing Conditions**

Unstained protein markers were loaded, then the gels were electrophoresed at 200V until the dye front reached the bottom of the gel. Gels were run using NuPAGE® MES SDS Running Buffer under reducing conditions.

### **Migration**

With MES Running Buffer, reduced Myosin migrated to  $0.140 \pm 0.050$  Rf, reduced LDH to  $0.510 \pm 0.050$  Rf, and reduced Aprotinin to  $0.820 \pm 0.050$  Rf.

### **Straightness**

Across the gel, the migration of a given protein did not vary more than 3% of the length of the gel.

### **Curvature**

In each of the two outermost lanes, the migration of a given protein did not vary more than 2% of the length of the gel.

### **Appearance**

Gels run were free of swirls, bubbles, and debris. Bands were sharp and flat.

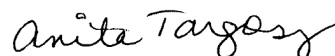
### **Overall Result**

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).

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Issued on 06 Apr 2017