

Certificate of Analysis

Bolt™ 4–12% Bis–Tris Plus Gel

Product No. NW0412
Lot No. 17092272
Date of Manufacture 22Sep2017
Expiration Date 21Jan2019

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> |
|--------------------|--------------------|------------------|--------------------|--------------------|------------------|
| NW04120BOX | 1.0mm 10–well | 10 gels/box | NW04125BOX | 1.0mm 15–well | 10 gels/box |
| NW04122BOX | 1.0mm 12–well | 10 gels/box | NW04127BOX | 1.0mm 17–well | 10 gels/box |

Testing Conditions

Mark12™ protein standard was loaded, then the gels were electrophoresed at 200V until the dye front reached the top of the slot. Gels were run using MES SDS Running Buffer under reducing conditions.

Migration

Reduced Myosin migrated to 0.115 ± 0.050 Rf, reduced Lactate Dehydrogenase to 0.510 ± 0.050 Rf, and reduced Aprotinin to 0.830 ± 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. For 17–well gels, lanes 2 and 16 are the outermost lanes tested.

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. For 17–well gels, lanes 2 and 16 are the outermost lanes tested.

Appearance

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

Overall Result

Meets Specification

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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