

Electrophoresis, Blotting and Immunodetection

Gel preparation - Precast gels, SDS-PAGE, vertical

NuPAGE® Novex® bis-tris gels



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High-performance pre-cast mini gels for SDS-PAGE.

NuPAGE® Novex bis-tris gels provide the best separation and resolution of small to medium sized proteins by utilising a neutral pH environment which minimises protein modifications.

These high performance gels have a one year shelf life when stored at 4°C to 25°C, eliminating the waste of throwing out expired gels. Use NuPAGE Novex bis-tris gels for protein sequencing, mass spectrometry, and any other techniques where protein integrity is crucial. The NuPAGE system also provides the most efficient means for transferring proteins to membranes for subsequent analysis.

Formulation: The NuPAGE system is based upon a bis-tris-HCl buffered (pH6.4) polyacrylamide gel with a separating gel that operates at pH7.0. While NuPAGE Novex bis-tris gels do not contain SDS, they are formulated for denaturing gel electrophoresis applications only.

Recommended buffer: Gels are available in three acrylamide concentrations: 10%, 4 to 12% and 12%. By combining any of these three gel types with the NuPAGE MES or MOPS buffers, six separation ranges can be obtained. The NuPAGE MES buffer is recommended for resolving small proteins, while the NuPAGE MOPS buffer is for resolving medium to large size proteins. Use of NuPAGE LDS sample buffer and NuPAGE sample reducing agent will ensure complete sample reduction. For transfer, NuPAGE transfer buffer is recommended.

Contents and storage: Catalogue numbers for gels refer to a single box. One box contains 10 gels. Store at +4°C to 25°C. Shelf life is 12 months.

*Custom order product. Please add an additional 1-2 weeks for delivery

NuPAGE® Novex® 10% bis-tris gel

Catalogue No	Size	Quantity
VXNP0307BOX	1.0mm, 9 well	1 box
VXNP0301BOX	1.0mm, 10 well	1 box
VXNP0302BOX	1.0mm, 12 well	1 box
VXNP0303BOX	1.0mm, 15 well	1 box
VXNP0304BOX	1.0mm, 1 well	1 box
VXNP0306BOX	1.0mm, 2D well	1 box*
VXNP0315BOX	1.5mm, 10 well	1 box*
VXNP0316BOX	1.5mm, 15 well	1 box
VXNP0317BOX	1.5mm, 2D well	1 box*

NuPAGE® Novex® 12% bis-tris gel

Catalogue No	Size	Quantity
VXNP0341BOX	1.0mm, 10 well	1 box
VXNP0342BOX	1.0mm, 12 well	1 box
VXNP0343BOX	1.0mm, 15 well	1 box
VXNP0349BOX	1.0mm, 17 well	1 box
VXNP0344BOX	1.0mm, 1 well	1 box
VXNP0346BOX	1.0mm, 2D well	1 box

NuPAGE® Novex® 4-12% bis-tris ZOOM® gel

Catalogue No	Size	Quantity
VXNP0330BOX	1.0mm, 1PG well	1 box

NuPAGE® Novex® 4-12% bis-tris gel

Catalogue No	Size	Quantity
VXNP0327BOX	1.0mm, 9 well	1 box
VXNP0321BOX	1.0mm, 10 well	1 box
VXNP0322BOX	1.0mm, 12 well	1 box
VXNP0323BOX	1.0mm, 15 well	1 box
VXNP0329BOX	1.0mm, 17 well	1 box
VXNP0324BOX	1.0mm, 1 well	1 box
VXNP0326BOX	1.0mm, 2D well	1 box
VXNP0335BOX	1.5mm, 10 well	1 box
VXNP0336BOX	1.5mm, 15 well	1 box
VXNP0337BOX	1.5mm, 2D well	1 box

NuPAGE® sample reducing agent (10X)

Catalogue No	Size
VXNP0004	250µL
VXNP0009	10mL

NuPAGE® antioxidant

Catalogue No	Size
VXNP0005	15mL

NuPAGE® LDS sample buffer (4X)

Catalogue No	Size
VXNP0007	10mL
VXNP0008	250mL

NuPAGE® MOPS SDS running buffer (for bis-tris gels only) (20X)

Catalogue No	Size
VXNP0001	500mL
VXNP000102	5L

NuPAGE® MES SDS running buffer (for bis-tris gels only) (20X)

Catalogue No	Size
VXNP0002	500mL
VXNP000202	5L

NuPAGE® MOPS SDS buffer kit (for bis-tris gels)

Contains 1 each **VXNP0001, VXNP0004, VXNP0005, VXNP0007**

Catalogue No	Size
VXNP0050	1 kit

NuPAGE® MES SDS buffer kit (for bis-tris gels)

Contains 1 each **VXNP0002, VXNP0004, VXNP0005, VXNP0007**

Catalogue No	Size
VXNP0060	1 kit

NuPAGE® transfer buffer (20X)

Catalogue No	Size
VXNP0006	125mL
VXNP00061	1L