

Electrophoresis Gels Product Information

NUView

NUView is a patent pending UV based stain. NuSep has incorporated NUView into the Tris-Glycine iGels and the Long Life Gels range as a way of quickly visualising your proteins. The beauty of NUView is that you can visualise your proteins within 2 minutes of completing a run and this visualisation does not change or interfere with any other downstream process. Using NUView you can photograph your gel post the gel run to create a permanent record. After this visualisation you can blot, probe or stain in the full knowledge of your samples location and concentration.

NUView is particularly useful when running an MF10 or blotting before analyzing with expensive probes. In addition, when blotting you can verify sample transfer by visualising your sample before and after blotting. This allows you to estimate the amount of protein transfer without fixing your proteins in the gel. NUView gives you approximately the same sensitivity as Coomassie blue staining and appears to provide greater sensitivity for membrane proteins.

NuSep is a leader in high-quality pre-cast gels. In fact, we have a strong history of product innovation in analytical separations. Our founder, Dr Joel Margolis, is a pioneer in polyacrylamide gel electrophoresis (PAGE) and the inventor of gradient PAGE and transverse PAGE. In 1969, he published one of the first definitive papers on two-dimensional electrophoresis.

Building on the great success of our founder, NuSep continues the tradition of innovation. Holding patents for our unique cassette design, new polymers, and production process, we are able to provide the highest quality products for the study of life.

Our patented gel products undergo rigorous quality control to ensure superior performance and reproducibility in a variety of electrophoresis systems. Pre-cast gels are manufactured to exacting specifications, offering the end user:

- Exceptional resolution
- Shortened running times
- Ease of use
- Extended shelf life
- Life Gels also offers a wide array of convenient and affordable gel accessories:
- Specially formulated buffers
- Ultra-sensitive and rapid stains

All of these products make it easier for you to enable life through science.

Our goal is to improve human life by providing the life science market with gels of unparalleled quality, utility, and convenience, making it simpler to study life in all its intricacies.

Products

NUView Tris-Glycine iGels®;

- Preformed and numbered sample wells included in gel
- Combs removed ready for use
- Superior resolution
- 4-month shelf life
- 100% reproducibility
- 5 different concentrations allow separation of all proteins
- Available in 10, 12 and 15 well formats

NUView Long Life®; Gels

- Two-year shelf life
- Short run times (45 minutes vs 1.5 hours)
- Preformed and numbered sample wells included in gel
- Combs removed ready for use
- Fast setup in patented cassette

- 5 different concentrations allow separation of all proteins
- Available 10, 12 and 15 well formats

Tris-Tricine Gels

- Pre-cast gel for small proteins
- Long shelf life
- Patented cassetteNuBlu® Gels
- The new standard in extremely affordable pre-cast gels
- Superior resolution
- 4-month shelf life
- 100% reproducibility
- 5 different concentrations allow separation of all proteins
- Available in 10 and 12 well formats

Gel Accessories

- Gel Drying Solution – allows gradient and homogeneous gels to be dried crack-free
- Coomassie Electrophoresis Stain – protein stains that are more sensitive than conventional stains; protein bands visible within 10 minutes
- Coomassie Electrophoresis Stain – rapid blue stain; 20-minute visibility with maximum resolution after 1 hour
- Long Life® Buffers
- iGel® Buffers
- Tris-Tricine Buffers
- Novex Adaptor Kit