

InstantBlue

Ultra fast protein stain

One step gel staining in 15 minutes



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Introduction

InstantBlue is a ready-to-use, proprietary Coomassie® stain that is optimal for obtaining well defined protein bands in a single step. Protein gel staining takes **around 15 minutes** without the need to wash, fix, microwave or destain.

InstantBlue's special formulation has the benefits of high sensitivity (approximately 5-25ng of protein detected per band) and low background interference - improving the overall gel resolution. Additionally, it is non-toxic and contains no methanol, ideally suited for regular use and disposal.

Novexin's NVoy product range will further assist you with protein production and analysis. This patented technology is ideal for improving protein refolding, stabilization and aggregation among other uses.

For further information on NVoy technology please go to <http://www.novexin.com/technology.html>.

Should you require protein work we also run a contract service providing you with a cost effective alternative to complex protein processing and production challenges, call +44 1223 496740 for further information.

Contents

Instant Blue, containing Coomassie dye, ethanol, phosphoric acid and solubilizing agents in water. (**Caution:** Phosphoric acid is a corrosive liquid.)

Recommended Protocol and Notes on Usage

Before Use :

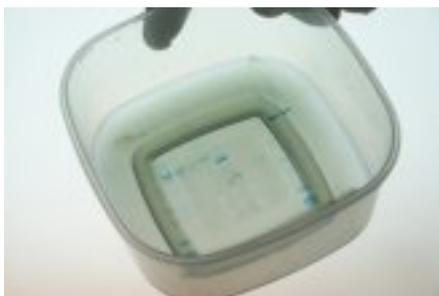
Mix the InstantBlue solution immediately before use by gently inverting the bottle a few times (do not shake the bottle to mix the solution).

IMPORTANT

- 1) Multiple washes prior to staining with InstantBlue are **NOT** required or recommended.
- 2) An alcohol/acetic acid fixing step prior to staining with InstantBlue is **NOT** required or recommended.
- 3) A destaining step post staining is **NOT** required or recommended with InstantBlue.



After electrophoresis remove the gel from the tank and transfer directly into the InstantBlue staining solution. Be sure that the gel moves freely in stain to facilitate diffusion. Typically ~20 ml is needed to cover the gel.



Coloured protein bands will start to develop immediately and a suitable intensity is typically achieved after 15 minutes incubation at room temperature with gentle shaking.



Photograph your gel when the required intensity has been achieved. Gels can be kept in staining solution, but ensure that the gel remains covered with liquid. Close container to reduce evaporation of InstantBlue. Alternatively the gel can be stored in ultrapure water.

Once used, the staining solution should be discarded and cannot be reused. InstantBlue is provided as ready-to-use solution and should not be diluted.

Packaging and Storage

Instant Blue is available in several convenient sizes:

Description	Quantity	Code
Instant Blue – Trial Pack 100ml	100ml	ISBT
Instant Blue – 1Lt	1L	ISB1L

Larger volumes are also available upon request.

Once you receive the product please store at +4°C.

Discard any reagents that show discoloration, or evidence of microbial contamination, making sure to keep the bottle capped when not in use.



Customer Satisfaction is important to us

Should you experience any problem with this or any of our products please do not hesitate to contact us at scientist@novexin.com for technical advice. Alternatively, contact your local representative. Our experienced staff will assist you to resolve all issues as quickly as possible.