

Product Datasheet

InstantBlue Protein Stain

ISB1L

Unit Size: 1000 ml

Store at 4C.

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Updated 2/10/2025 v.20.1

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ISB1L**InstantBlue Protein Stain****Product Information**

Unit Size	1000 ml
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at 4C.
Isotype	IgA

Product Description

Description	<p>InstantBlue is a ready to use Coomassie protein stain for polyacrylamide gels. Its unique mechanism of action stains proteins in 15 minutes while leaving a clear background eliminating the need to fix, wash or destain. InstantBlue is formulated for safe use and easy disposal.</p> <p>InstantBlue is ready for use straight out the bottle and comes in convenient pre-mixed 1 litre volumes. Its unique patented mechanism begins to stain in moments and results are achieved within 15 minutes. Some premade and traditional home-made Coomassie R-250 stains can take 3 hours or more to fully stain gels.</p> <p>There's no need to wash, fix, microwave or destain gels when using InstantBlue. Homemade stains often require all these steps and most premade solutions require at least one. InstantBlue uses a one-step protocol and can be fully destained using standard procedures. InstantBlue's acetic acid free formulation doesn't methylate or acetylate protein during staining making it fully compatible with mass spectrometry.</p> <p>Unparalleled sensitivity allows protein levels as low as 5 ng per band to be detected (BSA) when staining overnight. This is thanks to InstantBlue's protein specific staining which gives a clear background, improving the signal/noise ratio of the stain. Gels can be left in InstantBlue for weeks and still come out with a crystal clear background, all without the need for destaining.</p> <p>InstantBlue is non-toxic and sink disposable due to its methanol free composition. Other stains require solvent disposal procedures and can require microwaving which produces dangerous fumes. InstantBlue's effective staining and safe composition means there's no need for microwaving, solvent disposal, or fume hoods. The lack of methanol also means no gel shrinkage.</p> <p>Economical staining with only 25ml per mini-gel allows you to use less InstantBlue. Homemade solutions and some pre-mixed solutions require about 50-100ml of stain per gel. InstantBlue will stain at least 40 mini-gels per bottle.</p> <p>Features & Benefits:</p> <ul style="list-style-type: none"> Ultra-fast staining – Results in 15 minutes or less Single step procedure – No washing, fixing, microwaving or destaining High sensitivity – 5ng bands detectable* Clear background – High signal/noise ratio Flexible – No over staining Quantitative – Batch to batch consistency Efficient – Only 25ml per gel Safe composition – Non-toxic. No fume hood or solvent disposal required Methanol free – No gel shrinkage or protein methylation Acetic acid free – No protein acetylation MS Compatible 1 – Destainable. No residual methylation or acetylation
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Notes

This product is manufactured by Abcam and distributed by Novus Biologicals.

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt and this statement overrides any mentioned guarantee period on the limitations section of this products datasheet. Please contact technical@novusbio.com with questions.

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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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