

appleton®

appGLOW Safe Stain

ARL500
1ml
(20,000x concentrate)

Store at 4°C

www.appletonwoods.co.uk

Description

Appleton appGLOW Safe Stain can be used as a direct replacement for hazardous Ethidium Bromide (EtBr) in agarose and polyacrylamide gel electrophoresis. It has a better sensitivity than EtBr – and can detect as little as 0.1ng of DNA. The stain emits green fluorescence when bound to dsDNA or ssDNA and emits red fluorescence when bound to RNA. appGLOW exhibits excitation peaks at 290nm and 490nm, allowing for it to be used with UV and blue light. appGLOW can be disposed as non-hazardous waste.

Storage

This product is shipped at ambient temperature. Upon receipt, can be stored for up to 24 months at 4°C.

General Guidelines

Appleton appGLOW is supplied ready to-use.

Simply prepare 100ml of agarose or polyacrylamide solution. Add 5µl of appGLOW safe stain to the gel solution before pouring the gels. For enhanced results, add appGLOW to the running buffer at a ratio of 5µl per 100ml. Adding appGLOW to the running buffer will result in increased sensitivity and better detection of small quantities of nucleic acid. After electrophoresis is complete, view the gel using a UV or blue light illuminator.

Technical Support

For trouble-shooting and technical support, contact us by phone at 0121 458 7740 or email info@appletonwoods.co.uk.

Limitations of Use

For research purposes only. Not intended for therapeutic or diagnostic use. Appleton Woods is not responsible for consequential or incidental damages, whether direct or indirect, resulting from use of this product.

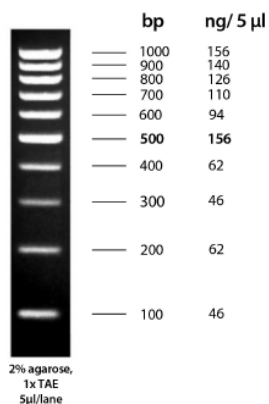
Package contents and reordering

See front panel for package contents and reordering information.

Appleton offers a full line of PCR enzymes and master mixes. Visit www.appletonwoods.co.uk/product-category/reagents/molecular-biology-reagents/pcr-reagents/ for details.

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PCR Products & Accessories

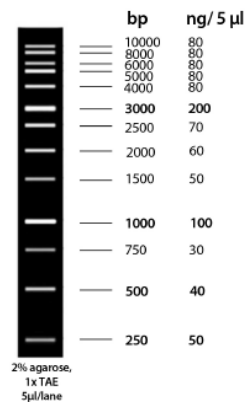


appLADDER 100bp

Appleton DNA appLADDERS
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PCR Products & Accessories



appLADDER 1Kbp

Appleton DNA appLADDERS
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appTAQ RedMix



Molecular grade agarose

Appleton PCR reagents
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Thermal Cyclers



Horizontal gel unit

For additional product details, please visit www.appletonwoods.co.uk or contact your local Appleton Woods sales rep