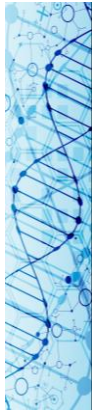




Appleton DNA appLADDERS



100bp  ARL010 – 500 lanes

1Kbp  ARL100 – 500 lanes

Ready to use with loaded dye added,
0.1mg/ml concentration

5 x 500µl, for 500 lanes
www.appletonwoods.co.uk

Description

Appleton appLADDERS are produced from proprietary plasmids that are digested to completion and purified in a multi-step chromatography process. Ladders are supplied in a ready-to-use format that includes loading buffer and tracking dyes.

- Two sizes: 100bp and 1Kb
- Clear, distinct bands
- Reference bands with increased intensity for easy size determination
- Convenient, load 5µl per lane

The ladders are supplied at a concentration of 0.1mg/ml, in a buffer consisting of 10mM Tris-HCl (pH 8.0), 5mM EDTA, 12.5% glycerol, 0.008% bromophenol blue, 0.008% xylene cyanol.

Storage

This product is shipped at ambient temperature. Upon receipt, ladders can be stored for up to 24 months at -20°C or at 4°C for up to 3 months.

Quality Control

The ladders are purified by a multistep chromatography method. Band sharpness is verified by agarose electrophoresis and DNA concentration is verified spectrophotometrically.

General Guidelines

Appleton appLADDERS are supplied ready to-use. Simply pipette up and down gently to mix the ladders and add 5µl to each of the desired wells in the gel. If the ladders are frozen, allow time to thaw and mix thoroughly.

The Appleton appLADDERS can be used to approximate the mass of DNA in samples of similar size by comparing the intensity of the sample band to that of the ladder. The masses of each DNA band per 5µl load are given on the back side of this insert.

Technical Support

For trouble-shooting and technical support,

contact us by phone at 0121 458 7740 or email info@appletonwoods.co.uk.

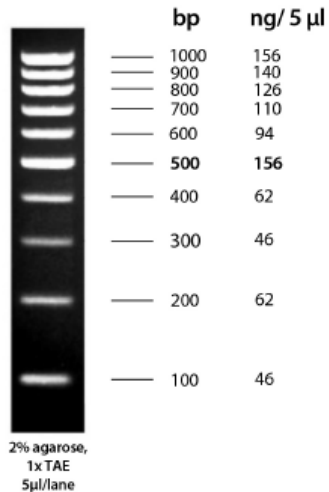
Limitations of Use

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

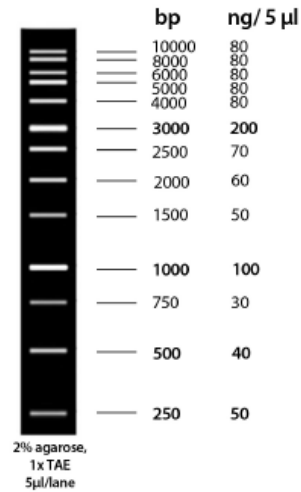
See front panel for package contents and reordering information. See reverse side for images of each ladder with band sizes and masses. Images can be cut and placed on lab bench for quick reference. Appleton offers a full line of PCR enzymes and master mixes. Visit www.appletonwoods.co.uk/product-category/reagents/molecular-biology-reagents/pcr-reagents/ for details.

100bp DNA ladder – ARL010



Appleton DNA appLADDERS
www.appletonwoods.co.uk

1Kbp DNA ladder – ARL100



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PCR Products & Accessories



appTAQ RedMix



Molecular grade agarose



PCR Products & Accessories



appGLOW DNA stain



Horizontal gel unit

Appleton PCR reagents
www.appletonwoods.co.uk

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