CelGel 100bp DNA ready ladder (100-1500bp)

CM1320-0500 100 gel lanes

CELTIC MOLECULAR

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Shipping and storage instructions

Store the kit at -20°C for up to 24 months. This product is shipped on ice blocks and can be kept at 4°C for 12 months without affecting the product performance.

What's in the box

Cat no.	CM1320-0500
Pack size	100 gel lanes
CelGel 100bp DNA ready ladder	500µl

Notes

For research use only.

Product description

A molecular weight marker designed to determine the weight and size of double stranded DNA during gel electrophoresis analysis. The CelGel 100bp DNA ready ladder contains 11 unique fragments ranging from 100 to 1500bp in size, consisting of PCR products and restriction enzyme digested plasmids. The approximate mass of each DNA band (when loading 5µl per well) is supplied in below annotated gel image. This enables the estimation of the mass of sample DNA present in bands of similar intensity and size. Note that the 500 and 1500bp fragments have increased intensity to serve as easy identifiable reference points.

Properties

Proprietary plasmids digested with appropriate restriction enzymes are combined with PCR amplicons and purified via phenol extraction. Supplied in a solution 10mM Tris-HCl (pH 8.0), 10mM EDTA and combined with loading dye.

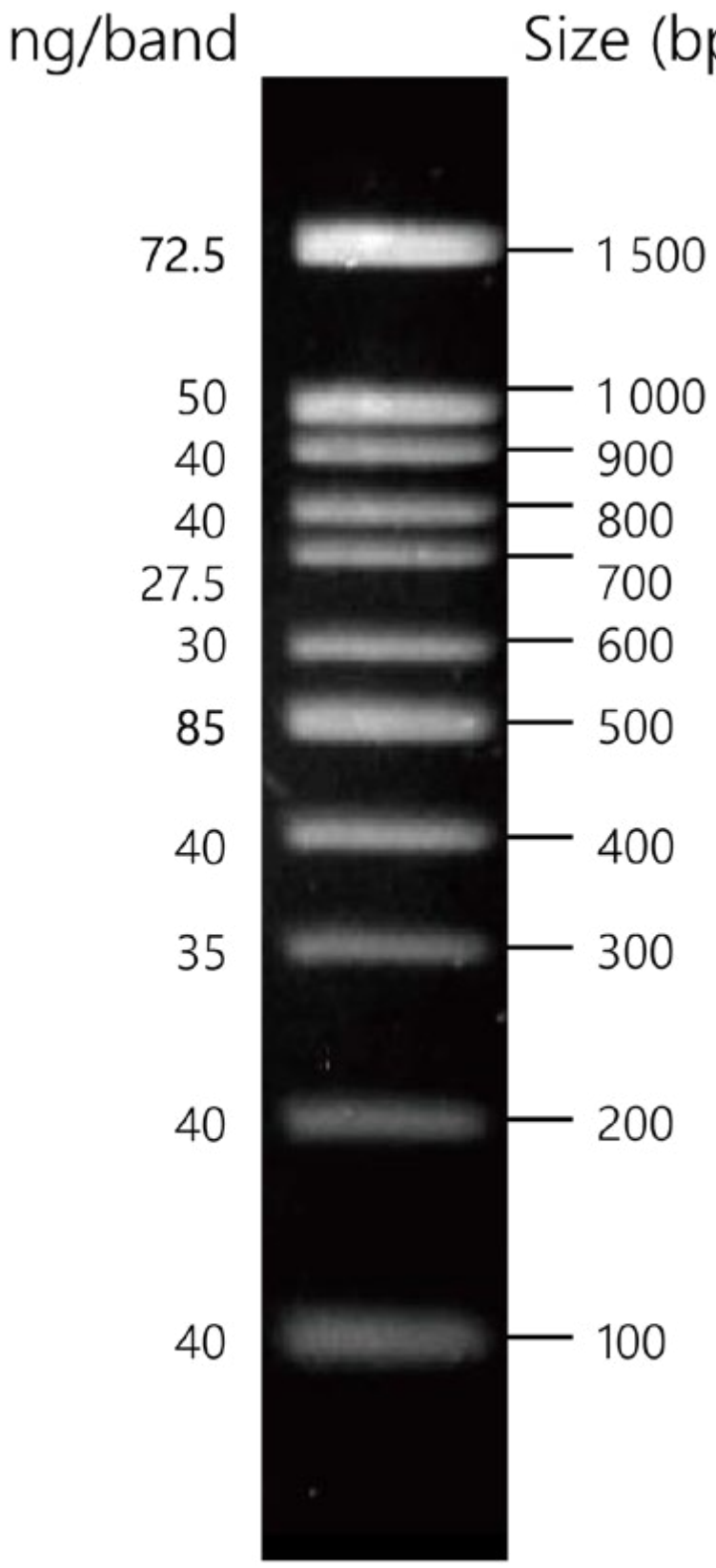
Size range :	100 – 1500bp
Number of bands :	11
Concentration:	50µg/500µl
Tracking dyes:	Xylene Cyanol FF and Orange G
Format:	Ready to load

Reaction set-up

Load 5µl ready ladder per well (contains loading dyes Xylene Cyanol FF and Orange G).

Tip: use with 1µl CelGel ready DNA stain and loading dye (CM1410-1000) for instant visualization of DNA bands on a UV or visible -light transilluminator.

Visual weight and size distribution



1.7% TAE agarose gel,
5ul per lane

Technical support

For technical support please e-mail

info@celticmolecular.com