

Product Insert

HyperLadder II

Research Use Only

DESCRIPTION

HyperLadder II is a ready-to-use DNA molecular weight marker, specially designed for easy quantification and size determination.

SIZING

HyperLadder II produces a pattern of 15 regularly spaced bands, ranging from 50bp to 2kb. The 300bp, 1kb and 2kb bands have the highest intensity to allow easy identification. As each band contains an exact amount of dsDNA, it is possible to achieve accurate quantification of sample bands.

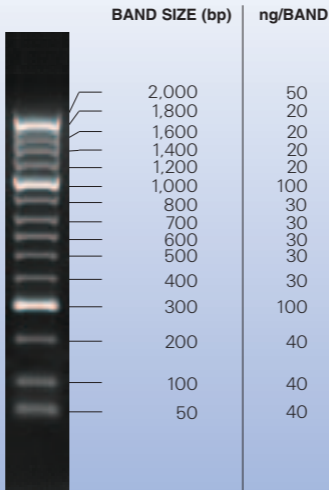
QUANTIFICATION

When using the standard loading of 5µl per lane, (600ng of DNA) each band corresponds to a precise quantity of DNA (see illustration on rear).

PRODUCT	PACK SIZE	CATALOGUE NUMBER	PRESENTATION
HyperLadder II	200 lanes	BIO-33039	2 x 500 µl
HyperLadder II	500 lanes	BIO-33040	5 x 500 µl

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5 μ l HyperLadder II/lane, 1.5% molecular biology grade agarose in 1x TAE stained with Ethidium Bromide.

Batch No. H2K2-1005

STORAGE CONDITIONS

The HyperLadder should be stored at -20°C until first use. Thereafter, the product can be stored at 4°C for up to 6 months.

Avoid multiple freeze thaw cycles, as these can damage the product.

SHIPPING CONDITIONS

Suitable for shipping at room temperature.

PRODUCT LIFE

One year from the date of purchase.

TROUBLE SHOOTING

Ladders not sinking - vortex briefly.

5x LOADING BUFFER

A 5x sample loading buffer is supplied for your convenience. Under no circumstances should it be used to dilute/ load ladder.

