

Product Insert

HyperLadder V

Research Use Only

DESCRIPTION

HyperLadder V is a ready-to-use marker for determination of molecular weight and DNA quantification and is specially designed for short fragments such as apoptotic DNA oligonucleotides.

SIZING

HyperLadder V produces a pattern of 12 regularly spaced bands, ranging from 25 to 500bp. The 100 and 200bp bands have a higher intensity than the others to allow easy identification.

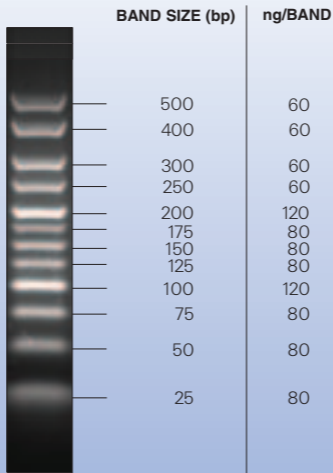
QUANTIFICATION

When using the standard loading of 5 μ l per lane, (960ng of DNA) each band corresponds to a precise quantity of DNA (see figure on outside).

PRODUCT	PACK SIZE	CATALOGUE NUMBER	PRESENTATION
HyperLadder V	200 lanes	BIO-33031	2 x 500 μ l
HyperLadder V	500 lanes	BIO-33032	5 x 500 μ l

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5 μ l HyperLadder/lane, 3.5% molecular-biology grade agarose in 1x TAE stained with Ethidium Bromide.

STORAGE CONDITIONS

The HyperLadder V 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.

