

Product Insert

HyperLadder I

Research Use Only

DESCRIPTION

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

SIZING

HyperLadder I produces a pattern of 14 regularly spaced bands, ranging from 200 to 10,000bp. The 1,000 and 10,000bp bands have the highest intensity to allow easy identification. The size of each band is an exact multiple of 100bp.

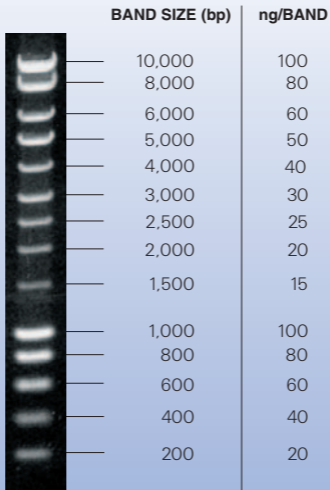
QUANTIFICATION

When using the standard loading of 5 μ l per lane, (720ng of DNA) each band corresponds to a precise quantity of DNA (see figure on outside).

PRODUCT	PACK SIZE	CATALOGUE NUMBER	PRESENTATION
HyperLadder I	200 lanes	BIO-33025	2 x 500 μ l
HyperLadder I	500 lanes	BIO-33026	5 x 500 μ l

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

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.

