

Product Insert

HyperLadder III

Research Use Only

DESCRIPTION

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

SIZING

HyperLadder III produces a pattern of 11 regularly spaced bands, ranging from 500 to 5000bp. The 1,000 and 3500bp bands have the highest intensity to allow easy identification. HyperLadder III contains a red dye, migrating at 500bp in 1.5% agarose gel.

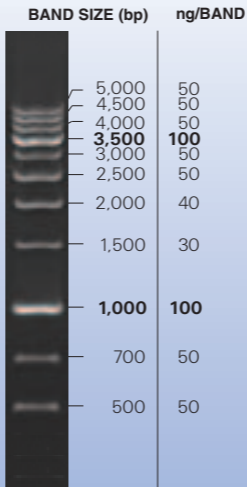
QUANTIFICATION

When using the standard loading of 5 μ l per lane, (620ng of DNA) each band corresponds to a precise quantity of DNA (see figure on outside).

PRODUCT	PACK SIZE	CATALOGUE NUMBER	PRESENTATION
HyperLadder III	200 lanes	BIO-33043	2 x 500 μ l
HyperLadder III	500 lanes	BIO-33044	5 x 500 μ l

Product Insert

HyperLadder III



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

STORAGE CONDITIONS

HyperLadder III 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.

