

Product Insert

HyperLadder VI

Research Use Only

DESCRIPTION

HyperLadder VI is a ready-to-use molecular weight marker, specially designed for accurate quantification and size determination. We recommend the use of pulsefield electrophoresis for better resolution of fragments ranging from 29,950bp to 48,500bp. HyperLadder VI also contains an additional band at 1.5kb

SIZING

HyperLadder VI produces 10 regularly spaced bands, ranging from 10,090 to 48,500bp. Each band contains an exact amount of dsDNA.

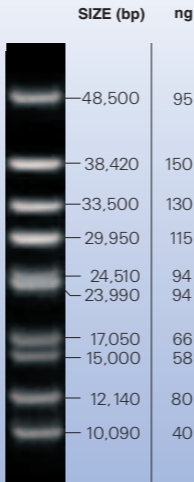
QUANTIFICATION

When using the standard loading of 10 μ l per lane, (922ng of DNA) each band corresponds to a precise quantity of DNA (see figure on outside).

PRODUCT	PACK SIZE	CATALOGUE NUMBER	PRESENTATION
HyperLadder VI	200 lanes	BIO-33033	2 x 1 ml
HyperLadder VI	500 lanes	BIO-33034	5 x 1 ml

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10 μ l HyperLadder/lane, 0.7% molecular-biology grade agarose in 1x TAE stained with Ethidium Bromide.

STORAGE CONDITIONS

HyperLadder VI should be stored at -20°C until first use. Thereafter, the product can be stored at 4°C for up to 3 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.

