

## **Anexos**

Product Insert

# HyperLadder IV

Research Use Only

## DESCRIPTION

HyperLadder IV allows determination of molecular weight and DNA quantification and is specially designed for short fragments such as PCR products.

## SIZING

HyperLadder IV produces a pattern of 9 regularly spaced bands, ranging from 100 to 1,000bp. The 1,000 band has a higher intensity than the others to allow easy identification and each band is an exact multiple of 100bp.

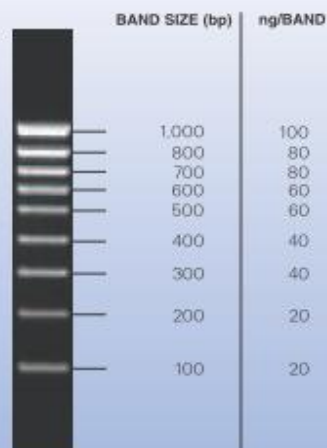
## QUANTIFICATION

When using the standard loading of 5 $\mu$ l per lane, (500ng of DNA) each band corresponds to a precise quantity of DNA (see figure on outside).

PRODUCT	PACK SIZE	CATALOGUE NUMBER	PRESENTATION
HyperLadder IV	200 lanes	BIO-33029	2 x 500 $\mu$ l
HyperLadder IV	500 lanes	BIO-33030	5 x 500 $\mu$ l

Product Insert

# HyperLadder IV



5 $\mu$ l HyperLadder IV/lane, 2% molecular-biology grade agarose in 1x TAE stained with Ethidium Bromide.

#### **STORAGE CONDITIONS**

The HyperLadder IV 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.