

*λ*Hind III

Product Description

Name: *λ*Hind III
Concentration: 0,5 mg/ml
Catalog : S54821, 50 µg

Storage: -20°C
 while storage at - 20 °C is recommended, for frequent use, freeze/thawing cycles can affect the marker.
 Either aliquot it, or store it at 4°C in the presence of loading buffer (marker will be stable up to 4 months).

Introduction

*λ*HindIII is obtained from λ phage DNA, completely digested with *Hind*III. DNA is then phenol extracted and ethanol precipitated in Tris-HCl 10 mM (pH 7.6) and EDTA 1 mM. After agarose electrophoresis, and ethidium bromide staining, the indicated bands can be observed (in base pairs): 23130, 9416, 6557, 4361, 2322, 2027, and 564.

Directions for use

Guidelines for use

Prepare the following marker mix before loading:

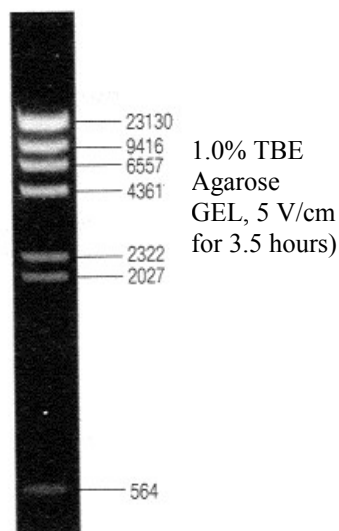
- * 1 µl marker (0.5 µg)
- * 1 µl 5X loading buffer
- * 3 µl double-distilled water

Vortex before use

Do not heat before loading

Load 0.1 µg marker (1.0 µl of the marker mix) in a 1 mm width-well

*λ*HindIII marker was not designed for precise quantification of DNA mass, but can be used for approximating the mass of DNA in comparably intense samples of similar size. (see Table 1).



Contact your local distributor

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Table 1. Percentage and DNA amount of individual bands in 0.1 µg 1 λ/HindIII

	Fragment Size (bp)	%	DNA amount per band (ng)
1	23130	47.7	47.7
2	9416	19.4	19.4
3	6557	13.5	13.5
4	4361	9.0	9.0
5	2322	4.8	4.8
6	2027	4.2	4.2
7	564	1.2	1.2

Related / associated products and documents

See [BioSciences Innovations catalogue](#) and [e-search tool](#).

- DNA 1 kb ladder, UPS54802
- DNA 100bp ladder, UPS54811

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

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