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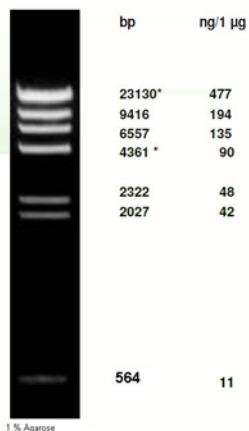
# DNA ladder

## Lambda-DNA - Hind III DNA marker

Product	Cat#	Package size
Lambda-DNA Hind III marker	M3075.0050	1 x 50µg
Lambda-DNA Hind III marker	M3075.0250	1 x 250µg

### DESCRIPTION

Phage Lambda (ci857 *Sam 7*) DNA/Hind III markers are prepared by digesting Lambda DNA with Hind III, followed by inactivation of the enzyme. The DNA fragments are then phenol extracted, ethanol-precipitated and dissolved in 10mM Tris/HCl (pH8.0) and 1mM EDTA. The marker is ready-to-use.



### FRAGMENT SIZES

The Genaxxon bioscience Lambda-DNA Hind III marker contains 8 fragments of the following size: 23130\*, 9416, 6557, 4361\*, 2322, 2027, 564, 125bp.

### STABILITY

Very stable in the delivered form.  
The ladder is delivered dissolved in buffer with green dye.

### ATTENTION!

The ends (cohesive 12 b 'cos sites' of bacteriophage λ) of the 23130 bp and the 4361 bp fragment can anneal and compose an additional band. This fragment can be separated by heating the marker to 65 °C (5 min) and subsequent cooling on ice (3 min).

### CONCENTRATION AND VOLUME

0.2µg/µL

### USAGE

We recommend to load 0.5 - 0.8µg per lane. Vortex gently before using.

### STORAGE TEMPERATURE

Store at -20 °C.

### RELATED PRODUCTS

Genaxxon offers also different DNA-Polymerases, Agaroses and dNTPs. Please visit our web-page for details: [www.genaxxon.com](http://www.genaxxon.com)