

Instructions for Use

Life Science Kits & Assays



innuSTAR 1 kb DNA Ladder Express

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1 Product and order number

Name	Amount	Order-no.
innuSTAR 1 kb DNA Ladder Express	500 µl	845-ST-1020100
innuSTAR 1 kb DNA Ladder Express	5x 500 µl	845-ST-1020500

2 Storage conditions

Store innuSTAR 1 kb DNA Ladder Express at 4 °C to 8 °C. When stored as recommended, the kit is stable until the expiration date printed on the label on the kit box.

For longer periods store 1 kb DNA Ladder Express at -22 °C to -18 °C in a freezer with constant temperature conditions.

3 Description

innuSTAR 1 kb DNA Ladder Express can be used for precise sizing of double-stranded DNA fragments from 300 to 10.000 bp on agarose gels (Figure 1).

It is supplied in a sufficient quantity for 100 gel-loadings (per tube) using 4 – 5 μ l DNA Ladder per slot. innuSTAR 1 kb DNA Ladder Express is ready-to-use and premixed with loading dye solution bromophenol blue.

The innuSTAR 1 kb DNA Ladder Express is not designed for quantification of DNA concentrations in a sample.

For research use only.

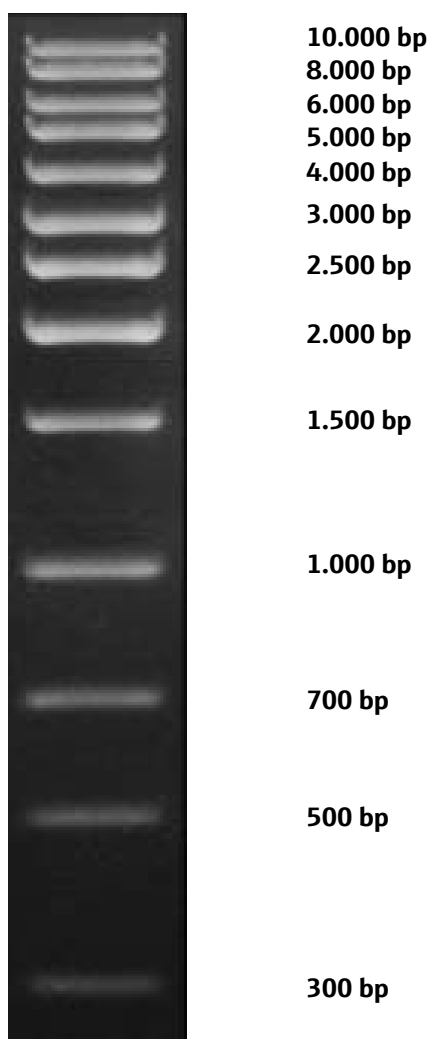


Figure 1:

innuSTAR 1 kb DNA Ladder Express showing DNA fragments from 300 – 10.000 bp.

5 μ l = 0.5 μ g/lane; 1x TAE buffer;
1.0 % Agarose

3.1 Quality data

Functionally tested for DNA sample loading on agarose gel electrophoresis.

3.2 Delivered components

innuSTAR 1 kb DNA Ladder Express 

Consists of 13 fragments up to 10.000 bp, ready-to-use molecular weight marker with loading dye bromophenol blue.

4 Hints and Notes

Spin down all components before use.

After pipetting mix the components of the reaction mix by gently vortexing and briefly centrifuge for few seconds to collect the mixture at the bottom of the tube.

5 Related products

Product	Amount	Order Number
50x inNucleotide Mix	2x 0.5 ml	845-AS-9000100
inNucleotide Set (100 mM)	4x 0.25 ml	845-AS-1100250
innuTaq Hot-A DNA Polymerase	500 Units	845-EZ-3000500
innuTaq DNA Polymerase	500 Units	845-EZ-1000500
innuMIX qPCR MasterMix Probe	1 ml (100 rxn)	845-AS-1200100
	2 ml (200 rxn)	845-AS-1200200
	10 ml (1000 rxn)	845-AS-1201000
innuMIX qPCR MasterMix SyGreen	1 ml (100 rxn)	845-AS-1300100
	2 ml (200 rxn)	845-AS-1300200
	5 ml (500 rxn)	845-AS-1300500
6x Loading Dye Bromophenol Blue	6x 1.0 ml	845-ST-3010006
6x Loading Dye Orange G	6x 1.0 ml	845-ST-4010006
innuSTAR 100 bp DNA	500 µl	845-ST-1010100
Ladder Express	5x 500 µl	845-ST-1010500

Publication No.: HB_ST-1020_e_161116

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