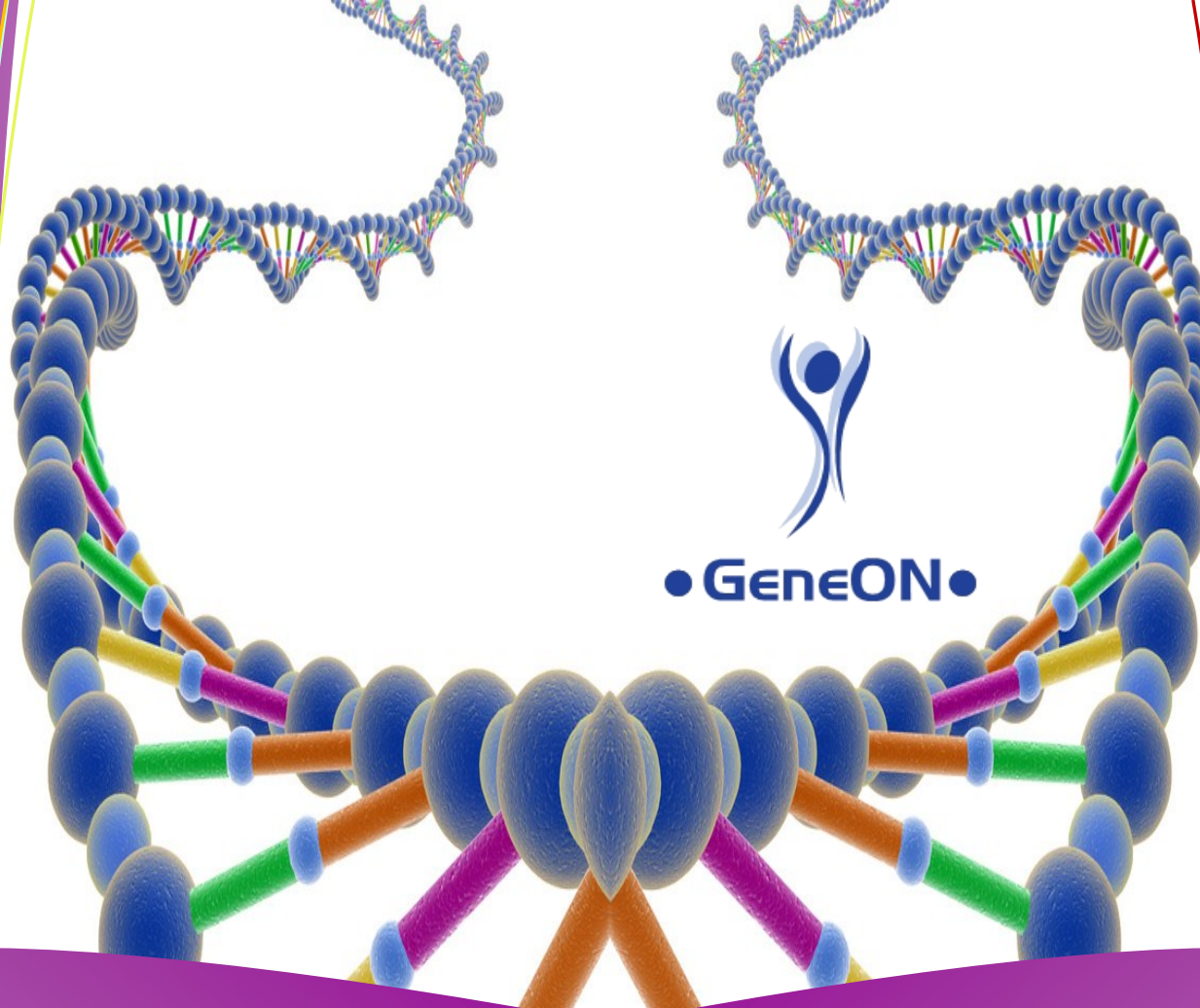


## Productlist

Description	Cat.-no	Amount
<b>50bp DNA ladder</b> (50bp - 1500 bp, 2 dyes)	300003	50µg
<b>50bp DNA ladder</b> (50bp - 1500 bp, 2 dyes)	300004	5x50µg
<b>One-for-all DNA ladder</b> (100bp - 10 kb, 1 dye)	300005	86µg
<b>One-for-all DNA ladder</b> (100bp - 10 kb, 1 dye)	300006	5x86µg
<b>100bp Plus Blue DNA ladder</b>	304-105	50µg
<b>100bp Plus Blue DNA ladder</b>	304-125	5x50 µg
<b>1000bp/1kb Blue DNA ladder</b>	305-105	50µg
<b>1000bp/1kb Blue DNA ladder</b>	305-125	5x50 µg

Find more DNA Ladders on the homepage:  
[www.GeneON.net](http://www.GeneON.net)



### GeneON GmbH

Hubertusstrasse 20  
D-67065 Ludwigshafen

**Phone:** +49-621-5720 864  
**Fax:** +49-621-5724 462  
**E-Mail:** [info@geneon.net](mailto:info@geneon.net)  
**Web:** [www.geneon.net](http://www.geneon.net)

## DNA Ladders

- ready - to - use -

[geneon.net](http://geneon.net)

... a good decision ...



• GeneON •

## DNA Ladders

- ready-to-use -

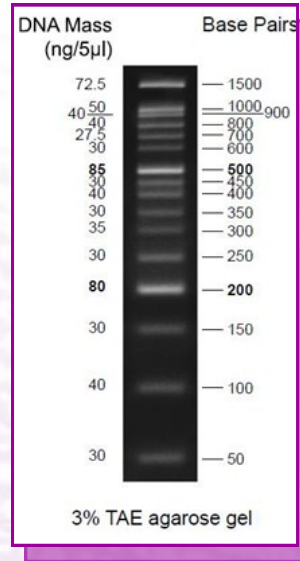
A DNA ladder is a solution of DNA molecules of different lengths used in agarose gel electrophoresis. It is applied to an agarose gel as a reference to estimate the size of unknown DNA molecules. In addition it can be used to approximate the mass of a band by comparison to a special mass ladder.

The DNA Marker with two dyes from GeneON are ready-to-use and include Orange G & Xylene cyanol FF as tracking dyes. This is ideal for UV illumination without interference of Bromphenol Blue.

The GeneON DNA marker with one dye are ready-to-use and include 6x Bromphenol Blue Loading Buffer as loading dye two or three stronger bands for easy orientation. The LowRange is suitable for the sizing of very low band sizes and suitable for quantification.

**Value for Your money!**

## 50bp DNA Ladder



A unique combination of PCR products and a number of proprietary plasmids digested with appropriate restriction enzymes to yield 16 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 50-1.500 base pairs. The 200 and 500 base pair bands have increased intensity to serve

as reference points. The approximate mass of DNA in each band is provided (0.5 µg a load) for approximating the mass of DNA in comparably intense samples of similar size.

## 1000bp/1kb Blue DNA Ladder

The 1 kb ladder BLUE is a pre-mixed, ready-to-load molecular weight marker containing a dye which serves as visual aids to monitor the progress of migration during agarose gel electrophoresis. The DNA marker consists of proprietary plasmids which are digested to completion with appropriate restriction enzymes to yield 13 bands suitable for use as molecular weight standards for agarose gel electrophoresis that range in size from 250 to 10.000 base pairs. The 1.000 bp and 3.000 bp fragments have increased intensity relative to the other bands on ethidium bromide-stained agarose gels and serve as reference indicators. All fragments are blunt-ended.

## 100bp plus Blue DNA Ladder

The DNA marker consists of proprietary plasmids which are digested to completion with appropriate restriction enzymes to yield 11 bands suitable for use as molecular weight standards for agarose gel electrophoresis. The digested DNA includes fragments ranging from 100 - 1.500 base pairs. The 500 bp fragment and the 1.000 bp fragment are present at increased intensity to allow easy identification. All fragments are blunt-ended. The 100bp Plus Blue DNA marker was designed for precise qualitative and approximately quantification of DNA mass. There are no unspecific bands besides the fragments.

## One-For-All DNA Ladder

An unique combination of a number of proprietary plasmids digested with appropriate restriction enzymes and PCR products to yield 19 fragments, suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA includes fragments ranging from 100-10.000 base pairs. The 500, 1.5K and 3K bands have increased intensity to serve as reference points. The approximate mass of DNA in each band is provided (0.5 µg a load) for approximating the mass of DNA in comparably intense samples of similar size.

