



Certificate of Analysis

PRODUCT: 100bp Plus II DNA Ladder

CAT. NO.
BM321

AMOUNT
2 boxes

LOT NUMBER
P11216

SHELF LIFE
at 4 °C for six months; at -20 °C for two years

STORAGE CONDITIONS
at 4 °C for six months; at -20 °C for two years

SHIPPING CONDITIONS
Dry ice (-70 °C)

DESCRIPTION

100bp Plus II DNA Ladder is a premixed, ready-to-load molecular weight marker containing eight linear double-stranded DNA fragments. The DNA Ladder is suitable for use as molecular weight standards for agarose gel electrophoresis. The DNA Ladder contains 100bp -5.0 kb DNA fragments. The 500bp band (100 ng/5 µl) has doubled intensity than other bands to serve as reference 100bp-1500bp.

- Ready-to use molecular weight marker for DNA size range of 100bp to 5.0 kb.
- All bands from restriction enzyme digested plasmids.
- Brighter 500bp reference band.

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QUALITY CONTROL DATA

Assay	Standard	Result
Appearance	Blue, clear without precipitates or floccules.	Meets standards
DNA sizes, brightness, and uniformity of intensity of electrophoresis bands	The DNA sizes, brightness and uniformity of intensity of each electrophoresis band of the sample to be tested are basically the same as those of the control sample.	Meets standards
Purity	The electrophoresis result includes 14 clear bands with low background and no unexpected bands.	Meets standards



Notice to Purchaser

All products are for research use only. Caution: Not intended for human or animal diagnostic or therapeutic uses. If you have any further questions about this Certificate of Analysis, please contact us at +86-10-57815027 or +86-400-898-0321.

TransGen Biotech products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without prior written approval of TransGen Biotech Co., Ltd.

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A handwritten signature in black ink that reads "Heng Zheng". The signature is written in a cursive style with a horizontal line underneath.

Manager, Quality Control Department

24/03/2022