



# Certificate of Analysis

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**PRODUCT:** 1Kb Plus DNA Ladder

**CAT. NO.**

BM211

**AMOUNT**

2 boxes

**LOT NUMBER**

P21106

**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

1KB Plus 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 300bp -10.0 kb DNA fragments. The 2.0kb band (100 ng/5 µl) has doubled intensity than other bands to serve as reference band.

- Ready-to use molecular weight marker for DNA size range of 300bp to 10.0 kb.
- All bands from restriction enzyme digested plasmids.
- Brighter 2.0kb 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 12 clear bands with low background and no unexpected bands.	Meets standards



# Notice to Purchaser

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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".

Manager, Quality Control Department

24/03/2022