BioArk® GN15K DNA Marker

Cat. #：BADM3364

Product Information

Product Name	Cat. No.	Spec.
GN15K DNA Marker	BADM3364-01	500 μL
	BADM3364-05	5×500 μL

Product Description/Introduction

This product, GN15K DNA Marker, consists of 10 linear double-stranded DNA (containing 500 bp, 1000 bp, 1500 bp, 2000 bp, 3000 bp, 5000 bp, 7500 bp, 10,000 bp, and 15,000 bp) bands, which have been mixed with 1×DNA Loading Buffer containing a blue indicator dye and is suitable for analyzing DNA bands in agarose gel electrophoresis. This product is ready-to-use, according to the experimental needs, directly take 5-10 μL for electrophoresis, easy to use, clear electrophoresis bands, easy to accurately determine the content of the target product DNA. The 2000 bp band in the GN15K DNA Marker has a DNA concentration of 100 ng/5 μL and shows a bright band; the remaining bands have a DNA concentration of 50 ng/5 μL.

Storage and Shipping Conditions

Ship with wet ice; Store at -20℃, valid for 24 months.

Product Contents

Component	BADM3364-01	BADM3364-05
GN15K DNA Marker	500 μL	5×500 μL
10 x DNA Loading Buffer (Peach)	1 mL	1 mL
Manual	One copy	

Assay Protocol / Procedures

1. After thorough thawing and mixing, take 5 μL of the product and add it to the sampling wells of the agarose gel (the volume of the sample volume is proportional to the width of the wells: 1 μL: 1 mm, if the sampling wells are wider, the volume of the sample volume can be increased appropriately), and then carry out electrophoresis.
2. Recommended electrophoretic conditions are 1% agarose gel at 4-10 V/cm.
3. Stain by EB or other nucleic acid dyes and observe the electrophoretic bands under a UV lamp or gel imager.

Note

1. When using, thaw and mix thoroughly, thaw and store at 4℃, avoid freeze-thaw cycles.
2. Recommended electrophoresis buffer: TAE/TBE; change the electrophoresis buffer and use freshly prepared agarose gel in time to avoid affecting the electrophoresis results.
3. For your safety and health, please wear safety glasses, gloves, or protective clothing.

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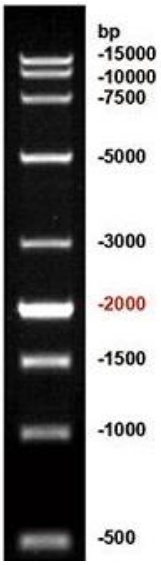
GN15K DNA Marker



0.8 % TAE agarose gel stained with EB (loading with 5 µL DNA marker)

For Research Use Only!

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