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Analytical & Measuring Instruments Division,  
Shimadzu Corporation  
Clinical & Biotechnology Business Unit

### **Notice Concerning Procurement of "25 bp DNA Ladder" for DNA-500 Kit**

Thank you very much for using our product the MultiNA.

We regret to inform you that the 25 bp DNA ladder manufactured by Thermo Fisher Scientific, which was recommended as a standard ladder for the DNA-500 kit, has been discontinued, and cannot be obtained.

We are sorry for this inconvenience. Moving forward, please use the product shown below as an alternative (optional ladder).

#### 1. Product No Longer Available

Manufacturer	Thermo Fisher Scientific (Invitrogen)
Product Name:	25 bp DNA ladder
Product No:	10597-011

#### Notes:

"Ultra Low Range DNA Ladder (product number: 10597012)" introduced as the successor by Thermo Fisher Scientific is not recommended as a substitute because it ranges up to 300 bp.

#### 2. Recommended Replacement (Optional ladder)

<b>Manufacturer:</b>	<b>Thermo Fisher Scientific (Thermo Scientific)</b>
<b>Product Name:</b>	<b>pUC19 DNA/MspI (HpaII) Marker</b>
<b>Product No:</b>	<b>SM 0221</b>

#### Notes:

- Dilute the pUC19 DNA/MspI (HpaII) Marker to 50 times with TE buffer (pH 8.0) (final concentration 10 ng/ $\mu$ L).
- Use the pUC19 DNA/MspI (HpaII) Marker as an optional ladder. Set the ladder type to be used as optional ladder "Ladder 1 (LD1)" in the project settings of MultiNA control software. For details, refer to "4.3.1 Project Settings" in the instruction manual.\*

\* This information is also available in the help menu of MultiNA control software.

#### Analysis example of pUC19 DNA / MspI (HpaII) Marker

