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Product Information

Version 1.2.02

B2143 - Random primer

Purified by PAGE

Sequence: 5'-d(NNN NNN)-3'

Usage Instructions:

1. Before opening the tube containing the primer, please briefly centrifuge the tube. Lyophilized DNA could attach to the wall of the tube. Opening without centrifugation could cause DNA loss.
2. The lyophilized oligonucleotide is stable at -20°C for at least 1 year. The oligonucleotide dissolved in TE is stable for at least 6 months at -20°C or 4°C. The oligonucleotide dissolved in water is stable for at least 6 months at -20°C in the absence of nucleases. Be sure the water used is at neutral pH to avoid depurination. Do not store oligonucleotides in water at 4°C.
3. Calculation Example for Primer (single stranded DNA):
   1 OD_{260} = 33 ug = 0.033 mg = OD_{260} x 0.033
   Moles of Primer (nmol) = micrograms ÷ molecular weight (g/mol)

   Concentration calculation example:

   If a tube contains a primer of 17nmol, the primer concentration will be 34μM by adding 500ul ddH_2O

Storage Condition

Store at -20°C.

** This product is designed for laboratory research purpose only. Not for human or animal diagnostic and therapeutic use.*