



43386

10X PCR Buffer with Mg²⁺ set

Part E

Specifications

Appearance (Form)	Liquid
Appearance (Colour)	Colourless
Appearance (Clarity)	Clear
PCR amplification	Amplification of standard template along with Taq DNA Polymerase, dNTP, corresponding primers and each of the MgCl concentrations should result in expected molecular size amplicon
Absence of nucleases	Incubation at 37°C of the product with Plasmid DNA for 24 hours should show no degradation of DNA.

Other Information

Description	The set contains six ready-to-use 10X Taq Buffers with KCl for optimization of magnesium ion concentration in PCR applications with Taq DNA Polymerase. The MgCl ₂ concentration in each of the six buffers is different, ranging from 12.5mM to 30 mM.
Includes	<ul style="list-style-type: none">• 10X PCR Buffer with 12.5mM Mg²⁺ - 1.25ml• 10X PCR Buffer with 15mM Mg²⁺ - 1.25ml• 10X PCR Buffer with 17.5mM Mg²⁺ - 1.25ml• 10X PCR Buffer with 20mM Mg²⁺ - 1.25ml• 10X PCR Buffer with 25mM Mg²⁺ - 1.25ml• 10X PCR Buffer with 30mM Mg²⁺ - 1.25ml

General Information

Storage	-20 °C (Blue/Dry Ice)
Shelf Life	24 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
6 x1.25 ml	38229090 (GST 12%)

Disclaimer

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