

Enzyme Storage and Dilution Buffer

Amount: 1.5 ml

Shipping conditions: Ambient

Storage conditions: -20°C

Shelf life: At least 1 year -20°C.

PRODUCT DESCRIPTION:

Enzyme Storage and Dilution Buffer is used to store, ship and dilute, when necessary, KlenTaq1 or other DNA polymerases. It is formulated to provide optimal stability of the enzymes at -20° or ambient temperature.

Enzyme and Storage Buffer composition is: 20 mM Tris pH 8.55, 222 mM ammonium sulfate, 10 mM 2-mercaptoethanol, 63% w/v glycerol, 0.1 mM EDTA, 0.5% IGEPAL, 0.5% Tween 20.

QUALITY CONTROL:

Enzyme Storage and Dilution Buffer must pass our PCR Compatibility Test as follows:

Five 2-fold serial dilutions of KlenTaq 1 in its storage/dilution buffer are to be tested in PCR amplification of a 500 bp human DNA target. Two parallel series are tested, with and without an added 1/100 volume of storage buffer. No significant difference in the performance of KlenTaq 1 should be observed.

Please visit us on the web at www.klentaq.com for troubleshooting and detailed protocols.

Notice to Purchaser

DNA Polymerase Technology products may not be resold, modified for resale or used to manufacture products without an agreement with DNA Polymerase Technology, Inc.