



## **Storage/Dilution Buffer**

**Cat#: SB**

**Amount:** 1.5 ml

**Shipping conditions:** Ambient

**Storage conditions:** -20° C

**Shelf life:** At least 1 year -20° C

### **PRODUCT DESCRIPTION:**

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

Storage/Dilution 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:**

Storage/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 Klentaq1 should be observed.

**Please visit us on the web at [www.klentaq.com](http://www.klentaq.com) for troubleshooting and detailed protocols.**

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