**Technical Data Sheet for Genelock®**

 **Molecular environmental swab Sample Preservation and transport**

 **System**

 **US Patents 6,458,546, 759,342 other patents pending.**

1. Sample should be added to added to Genelock® tube within 10 minutes after collection. Sample should be well expressed in tube by rolling swab tip against

the inside of the tube while in the Genelock chemistry.

1. Sample should be in contact with Genelock at least 10 minutes before

specimen processing.

1. Once Sample is added to the Genelock®, there is no need to refrigerate

 or freeze the specimen. Low target specimens will be protected.

1. Molecular targets protected by the Genelock® include DNA, RNA, mRNA and gene transcripts. Individual targets may need to be optimized to chemistry due to inherent target labiality and endogenous tissue chemistry.
2. Molecular targets should be protected for at least 7 days up to+ 25°C.
3. Genelock® is designed to inactivate or eliminate a broad range of

amplification inhibitors present in a broad range of sample types.

1. Genelock® is compatible with all nucleic amplification platforms and

DNA, RNA, mRNA extraction protocols. Individual target validation may be necessary.

Note: **The Genelock® device is designed to protect both Prokaryote,**

 **and Eukaryote samples**

**Genelock is designed to protect multiple DNA/RNA targets in a single sample and has been optimized for multiplex applications.**

For Further information please Call Sierra Molecular Corp.technical service at

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