

Application

SERATEC® ZebraShield reagent is a stabilization solution designed to preserve DNA and RNA in biological samples. It effectively maintains these samples' genetic integrity and expression profiles at room temperature while fully inactivating infectious agents such as viruses, bacteria, fungi, and parasites. Additionally, this specialized solution safeguards nucleic acids from degradation caused by freeze-thaw cycles or unexpected freezer malfunctions.

Content

vial with SERATEC® ZebraShield solution, 1 mL:	2 pc.
COPAN 4N6FLOQSwabs™:	2 pc.
Instruction for use / application protocol:	1 pc.

Storage and shelf life

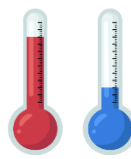
Storage:	-80°C to 70°C.
Shelf Life:	prior to use, it remains stable at room temperature for at least 60 months.

Secure your DNA and RNA from forensic samples



Sample collection

Add swab, cutting or solid sample to the ZebraShield solution
In case of liquid sampling, please dilute at least 3:1 (ZebraShield : sample)



Sample storage & transportation

-80°C to -20°C shelf life: indefinite
4°C to 30°C shelf life: minimum 30 days
>30°C shelf life: up to 7 days

DNA/RNA purification

DNA and RNA can be isolated directly without sample precipitation or reagent removal. Samples stored in SERATEC® ZebraShield are fully compatible with various purification kits and workflows including Zymo Research, Qiagen, Roche, ThermoFisher, Macherey-Nagel, and others. Furthermore, the product is compatible with high-throughput automated workflows from Hamilton, Tecan, bioMérieux, PerkinElmer, Eppendorf and Promega.

Protection Against Freeze-Thaw Damage

SERATEC® ZebraShield is ideal not only for sample transport but also for the long-term storage of biological specimens. It effectively safeguards DNA and RNA from damage caused by repeated freeze-thaw cycles, even in highly complex samples.

Cat.No.: ZEB-S10

SAMPLE KIT FOR VALIDATION ONLY. NOT FOR SALE. NON-MEDICAL DEVICE FOR FORENSIC USE ONLY.

Manufactured by:

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