

Timestrip[®] Virus Specimen Transport - 0° C

Product Spec Sheet



Timestrip[®] VST 0° C (VST-TEMP-0)

Timestrip[®] VST (Virus Specimen Transport) series has been specially formulated to provide an adequate quality control resolution for proper transport/storage of clinical viral specimens.

According to FDA & WHO regulations, Coronavirus specimens may be stored/transported/chilled between (2-8°C) for up to 72 hours after collection. In addition, virology specimen collection guidelines state similarly that “most viruses remain stable at 4°C for 2-3 days.”

When there is likely to be a delay in specimens reaching the laboratory, specimens may be frozen to -20 °C or ideally -70 °C. However, according to WHO regulations, “It is important to avoid repeated freezing and thawing of specimens.”

Timestrip VST 0 °C was developed to track a thawing event. In case the freezing temperature ascends above 0 °C, VST 0 °C will indicate the accumulated period of thawing.



Instructions for Use

After collection and insertion of a clinical specimen inside adequate packaging, VST 0° C can be integrated simply, quickly, and safely within a few seconds.

1. Hold VST 0° C indicator in your hand.
2. Firmly squeeze the button of the indicator, between thumb and forefinger. Verify the appearance of a complete blue coloration inside the small arming window. **This confirms that the indicator was activated.**
3. Peel off the liner from the back of the indicator and firmly adhere the VST 0 °C label to the packaged clinical specimen. Ensure full adhesion to the specimen packaging.
4. Immediately after adherence, the packaged clinical specimen (together with the adhered VST 0° C) needs to be placed inside regulated freezing temperatures for immediate storage and/or transport.



Monitoring has begun.

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THRESHOLD TEMP	STOP TEMP*	RUN-OUT WINDOW**
0°C/+32°F	-3°C/+26°F	2 Hours

* The temperature at which the run-time advancement (the movement of the blue dye) will stop.

** The run-out window starts at 1/2 hrs and ends at 2 hrs. The run-out window is calibrated to an isothermal temp of +2°C above the stated/printed threshold temp.



PERFORMANCE SPECIFICATIONS	
Temperature Accuracy	± 1°C/2°F
Time Accuracy	± 15 % in time under isothermal conditions
Display	Continuous, irreversible
Usage	The usage of the product in any assembly or production line must be agreed upon in advance, as it may alter performance specifications.

PRODUCT SPECIFICATIONS	
Button Position	Button on Top (BOT)
Color of Progressing Front	Blue
Adhesive	#14009//Time3
Other	Not suitable for immersion in water
Remark	Run-time window length will vary slightly between production batches.

Product Construction

The indicator is constructed of polymeric assembly multilayer and aluminium-plastic laminate. It encapsulates colored liquid chemicals.

- Maximum weight of colorant is <0.5 mg.
- Liquid chemicals are listed in the Food Chemicals Codex and/or approved by the Food and Drug Administration (FDA) under Title 21, and/or considered generally recognized as safe (GRAS).
- All materials are non-toxic, latex, silicon and PVC free.

Storage Conditions (Unactivated)

Store indoors, at room temperature up to 30°C.

Shelf Life

2 Years – an expiry date is stated on each pack.

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