

# SureStrip Vitrification Straw – Weighted Plug

**Description:**

SureStrip Vitrification Straw – Weighted Plug

REF	Colour
SUS-P-WTP	Pink
SUS-R-WTP	Red
SUS-G-WTP	Green
SUS-B-WTP	Blue
SUS-Y-WTP	Yellow

**Device Description:**

The SureStrip Vitrification Straw – Weighted Plug consists of a straw (male part) and a weighted plug cap (female part). The tip of the straw is marked and includes a flexible, transparent strip for specimen loading. A maximum of 3 specimens may be loaded per straw. The straw handle is flat, providing a surface for writing patient information.

The **weighted plug cap** prevents the straw from floating in liquid nitrogen and provides secure sealing after loading. The transparent cap includes a marked end and a 3 mm sealing zone that allows the straw to be hermetically sealed.

**Indications for Use:**

The SURESTRIP Vitrification Straws - Weighted Plug is a cryopreservation storage device. It is used in the vitrification procedure to contain and maintain oocytes and embryos.

**Specifications:**

1-Cell MEA: ≥ 80%

Bacterial Endotoxins (LAL) ≤ 2 EU/device.

**Contraindications:**

None

**Complications:**

None

**Caution:**

Federal (USA) law restricts this device to sale by or on the order of a physician.

**Warning:**

- Do not use if the package is opened or damaged.
- Liquid nitrogen may cause serious harm if in contact with skin or eyes
- Dispose in accordance with recognized medical practice and under observance of applicable law and regulation.
- This device is supplied sterile and intended for single use only.
- Do not re-sterilize
- Only experienced practitioners should use this device.

**Precautions:**

- Use appropriate precautions and safety devices when working with liquid nitrogen.
- When plunging SureStrip in LN2 always use a separate fresh aliquot LN2 per patient.
- Storage temperature between 5°C to 30°C.

**Instructions for Use:**
**Vitrification**

- Open the sterile pack of SureStrip and write necessary Information about a patient on the flat surface of the handle of SureStrip.
- Fill 90% of a container with fresh liquid nitrogen.
- Prepare embryos or oocytes for vitrification according to laboratory protocol.
- Take the straw cap of SureStrip and plunge it into the fresh liquid nitrogen.
- Place the SureStrip tip under the microscope and adjust the focus on the black mark of the SureStrip. The flat side on the handle should be facing up.
- Gently and precisely place the oocytes or embryos besides the black part of SureStrip with a minimal volume of vitrification solution using a suitable pipette.
- (Notes: The recommended load of the SureStrip is up to 4 oocytes or embryos.)
- Quickly plunge the SureStrip into fresh liquid nitrogen.
- Hold the straw cap with tweezers and insert the SureStrip.
- Fit the SureStrip with the cap by hand with screwing tightly.
- Put the SureStrip in a cane and store it in a tank for long-term storage.

(Caution: Take care that the SureStrip remains immersed in liquid nitrogen at all times until thawing.)

**Thawing / Warming:**

- Prepare the thawing media according to laboratory protocol.
- Retrieve the cane which has the specific SureStrip and quickly immerse the cane in a container filled with fresh liquid nitrogen. Collect the specific SureStrip from the cane in the liquid nitrogen. Verify with the information about the patient on the handle of the SureStrip. (Caution: The SureStrip except the handle remains immersed in liquid nitrogen at all times. Place a container for liquid nitrogen besides the stereo microscope)
- Carefully untwist and separate the straw cap from the SureStrip body in liquid nitrogen.
- Quickly immerse the SureStrip film tip into the thawing solution. It should not take more than 5 seconds.
- One minute after immersing into the thawing solution, gently aspirate the oocyte/embryo using a suitable pipette.

**Limited Express Warranty:**

The limited express warranty as set forth herein is exclusive and in lieu of all warranties of merchantability and fitness for use, remedies, obligations, and liabilities for consequential damages. The products are being sold only for the purpose described herein and such limited express warranty runs only to the original user. In no event shall ALLWIN be liable for any breach of the warranty in any amount exceeding the purchase price of the product. ALLWIN reserves the right to make design changes to products without liability to incorporate said changes in ALLWIN products previously designed or sold.

REF Catalogue Number	LOT Batch Code	Date of Manufacture	Use By	Do not re-use	Do not Re-Sterilize	Rx only	Caution: Federal Law restricts this device to sale by or on the order of a physician or a practitioner trained in its use.		
Consult Instruction for use	Do not use if Packing is damaged	Caution	Keep out of sunlight	Keep Dry	MD Medical Device	STERILE	Sterilized Using Gamma Radiation	Not made with natural rubber latex	Temperature Limit