

VS Sort Cartridge

rev.1/25

CAT#: TCC-CPS001-1, TCC-CPS001-10

AVAILABLE SIZE: Pack of 1, 10

STORAGE: Room Temperature, Light and Heat sensitive

SHIPPING: Room Temperature

DESCRIPTION:

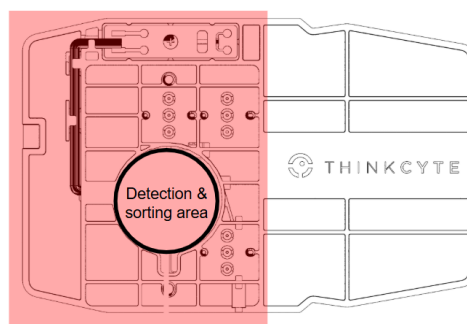
The VS Sort Cartridge is a microfluidics cartridge specially designed for the VisionSort platform, optimized to precisely channel individual cells or particles from the sample tube to the light interrogation and sorting points for both standard fluorescence flow cytometry and Ghost Cytometry applications. Integrated with VisionSort's gentle microfluidics system, the VS Sort Cartridge achieves rapid and high purity recovery of target cells with minimal damage during sorting. The VS Sort Cartridge is user-friendly, easy to install, and disposable, ensuring contamination free workflows.

HANDLING INSTRUCTIONS:

1. Tear open the aluminum bag and remove the case containing the cartridge.



NOTE: Do not touch the cartridge near microfluidics, which can impact results.



DO NOT TOUCH

UNITED STATES

1100 Island Drive, Suite 203, Redwood City, CA

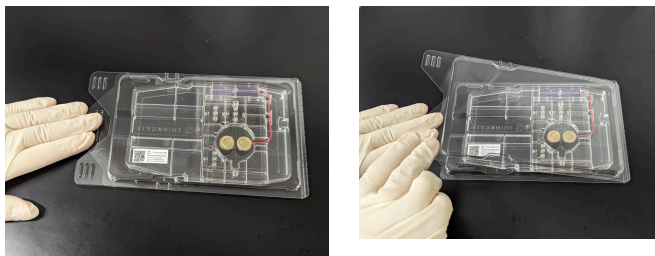
JAPAN

7-3-1 Hongo, Bunkyo, Tokyo

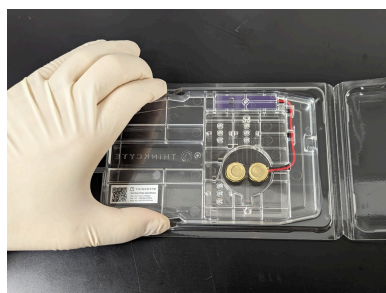
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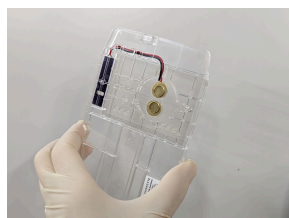
2. Place the case on a flat surface and while holding the middle rib with your hand, grab the left and right ribs to open it.



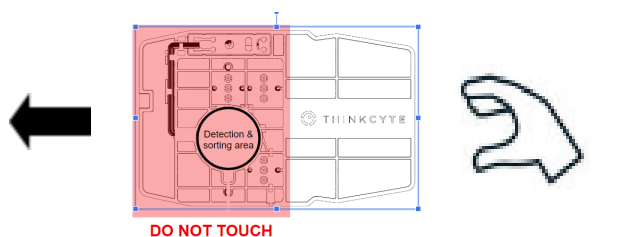
3. Place your finger in the groove of the tray and and hold the tapered side of the cartridge and remove the cartridge from the casing.

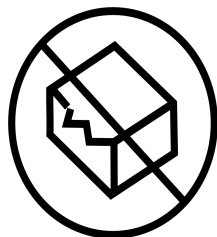


4. Do not touch the function side.



5. Insert cartridge into the VisionSort system with the ThinkCyte label facing right side up.





Caution
Do not use this product if its packaging bag is damaged.



Precautions for use

Do not bend, twist, or apply excessive force to the cartridge.
This cartridge is designed as a single-use disposable product with a maximum usage of one day. Reusing a cartridge over multiple days is not recommended and may lead to compromised sorting.
If the chip has been stored in a different temperature environment, allow it to come to room temperature 30 minutes before use to prevent condensation from affecting the measurement results.
Avoid humidity and dust during use and storage.
To prevent damage to the cartridge exterior and interior, do not expose the cartridge to chlorinated or aromatic solvents, non-polar organic solvents, gasoline, grease, etc.
Keep cartridges away from fire, as they may burn.
Avoid exposing the cartridge to heat sources, as this may lead to deformation or damage. Temperatures exceeding 55°C may cause heat-induced damage.
Do not touch the functional side of the cartridge (area indicated in the figure). Scratches, dirt, or blotches on the optical detection point will adversely affect the measurement results.

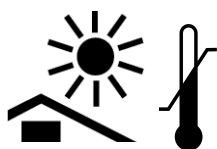


Biohazard



Liquids may contain biological materials, chemicals, or other chemical substances. Always wear protective equipment such as biological gloves, masks, safety glasses, and protective clothing when handling samples.
Follow your laboratory rules and local regulations and laws when disposing of used cartridges.

Storage



Store away from direct sunlight.
Recommended storage temperature range: 10 °C to 30 °C

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