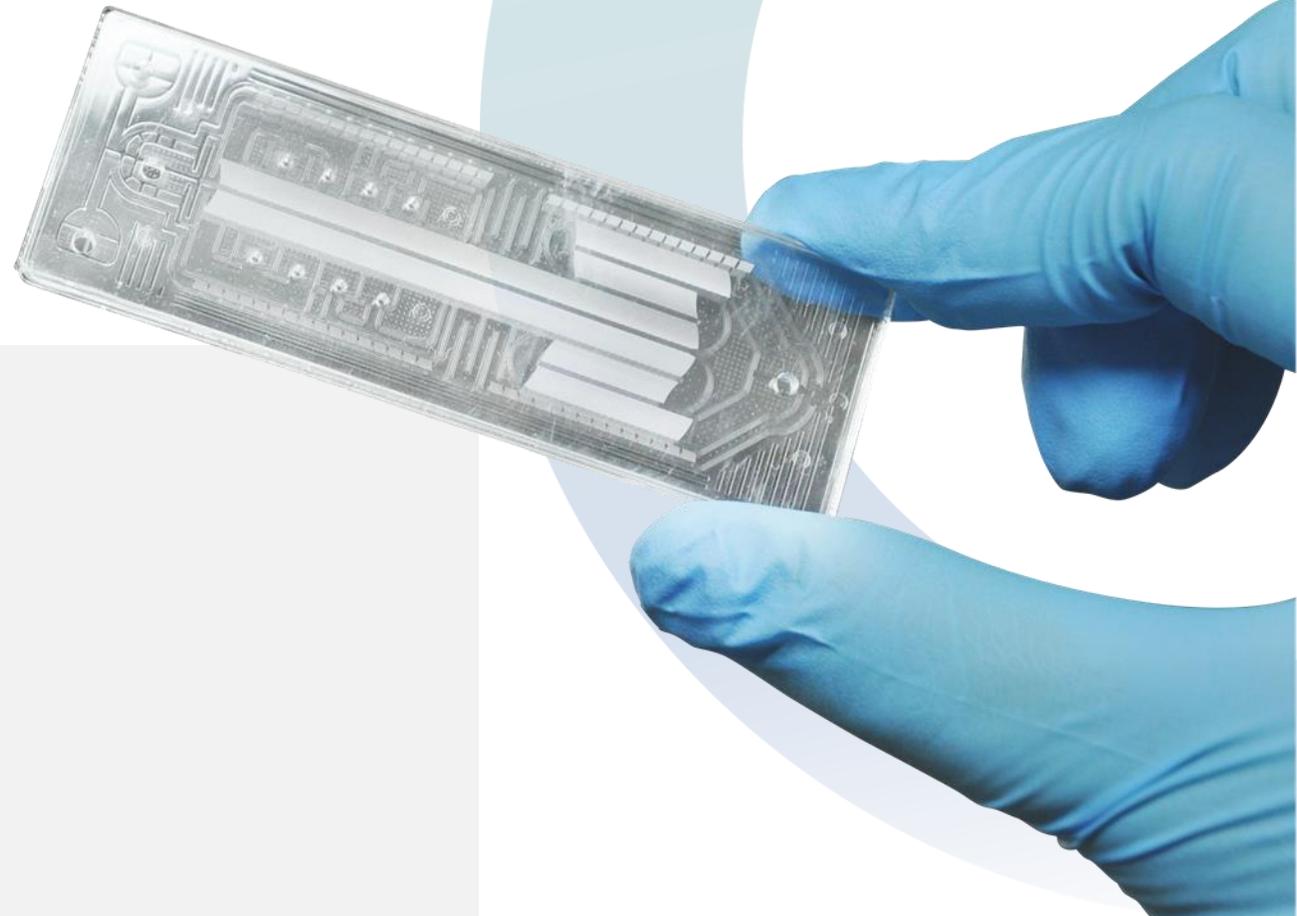


CURIOSIS

Cellpuri™

Disposable cell enrichment chip



Quick Manual



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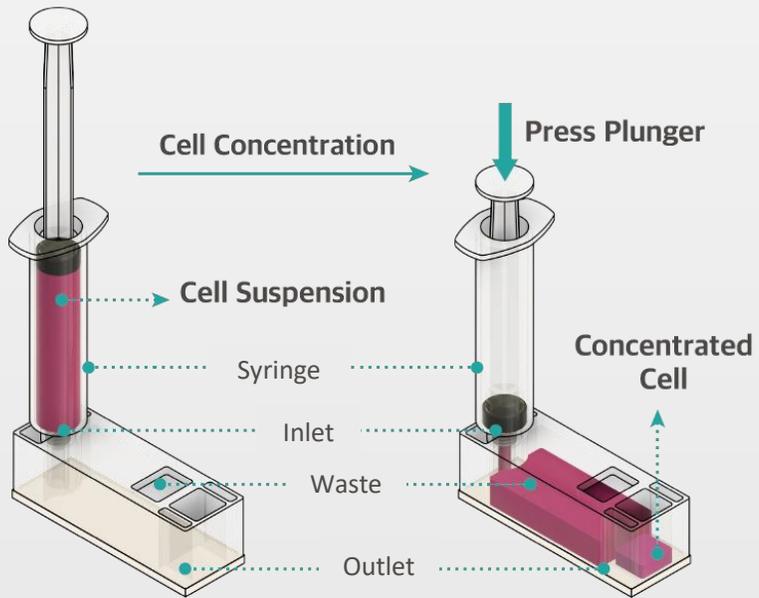
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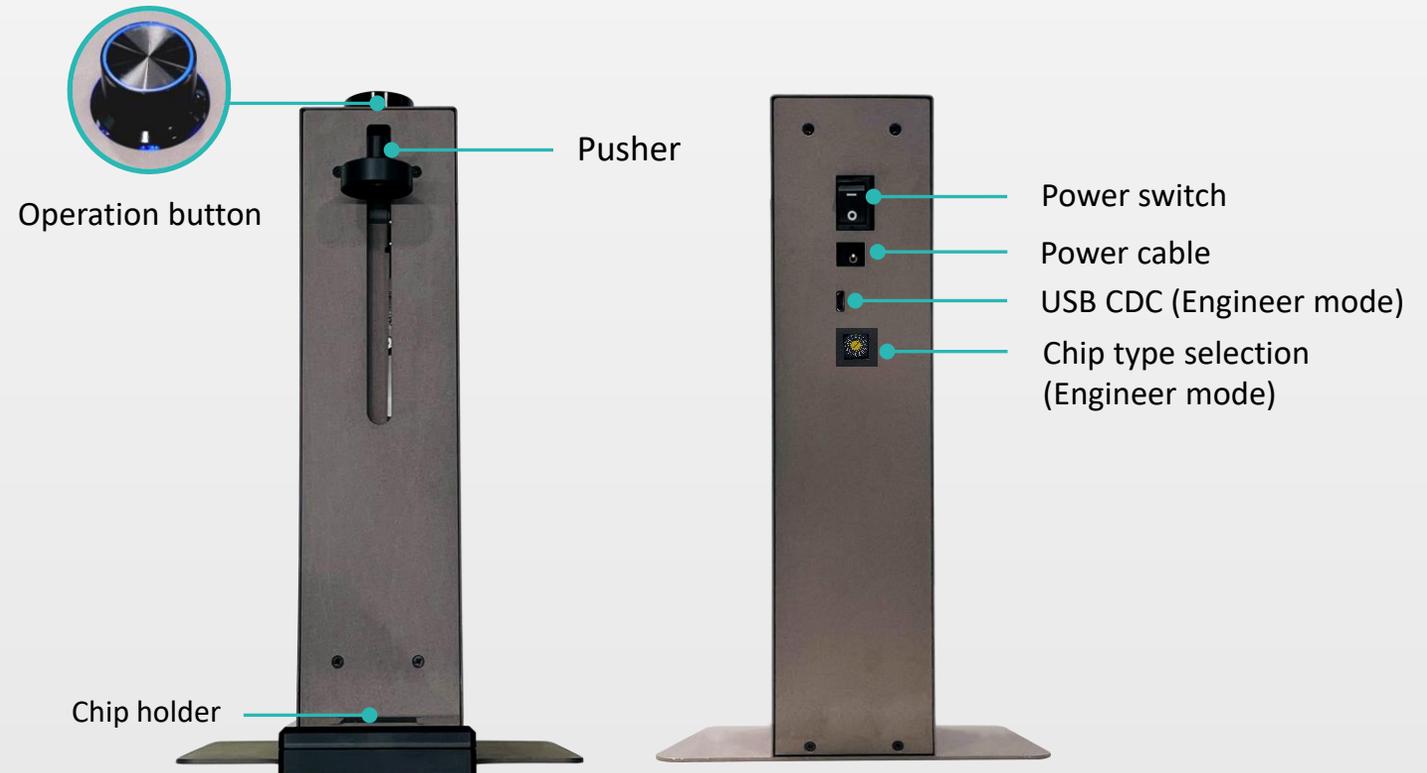
V. Specification



Cellpuri Parts



Syringe pump



II. Preparation

I. Cellpuri

Materials



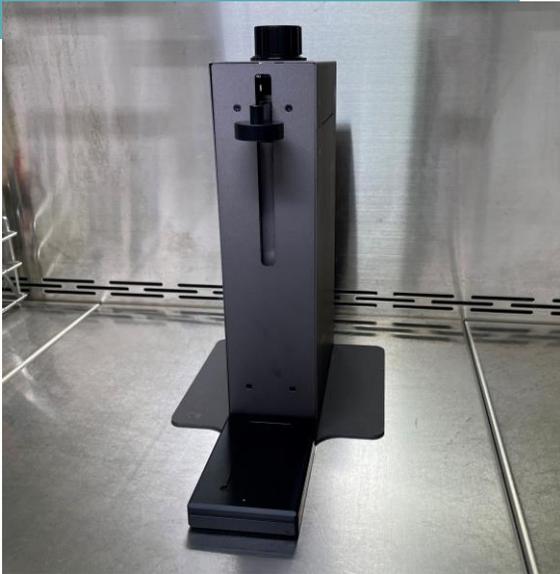
Preparation

- Step 1.** Take Cellpuri out of the box.
- Step 2.** Tear the edge of individual package and remove Cellpuri from the cover.
* Ensure that Cellpuri is facing upward when placed on the table.
- Step 3.** Load the luer-lock syringe with desired volume (2~10 ml) of cell suspension.
* Cell concentration less than 5×10^5 cells/ml is recommended.
- Step 4.** Insert the syringe tip into the inlet of Cellpuri and turn clockwise to connect.
- Step 5.** Place pre-loaded Cellpuri on the chip holder.

II. Preparation

II. Syringe pump

STEP 1



STEP 1. Put the syringe pump in the clean bench.

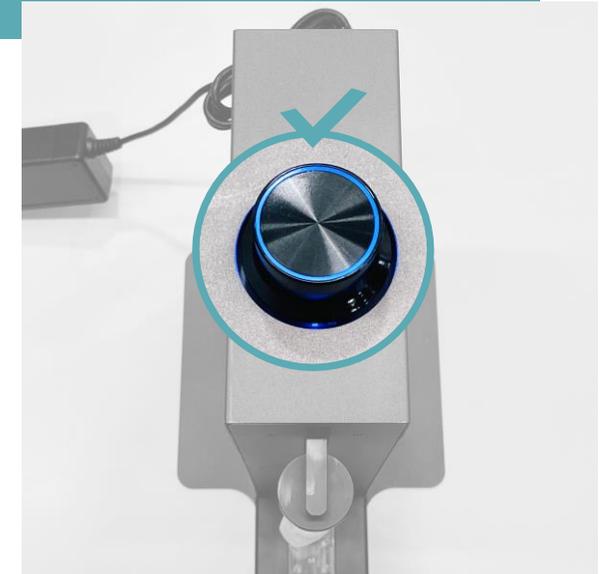
STEP 2 / STEP 3



STEP 2. Connect the power cable to the pump.

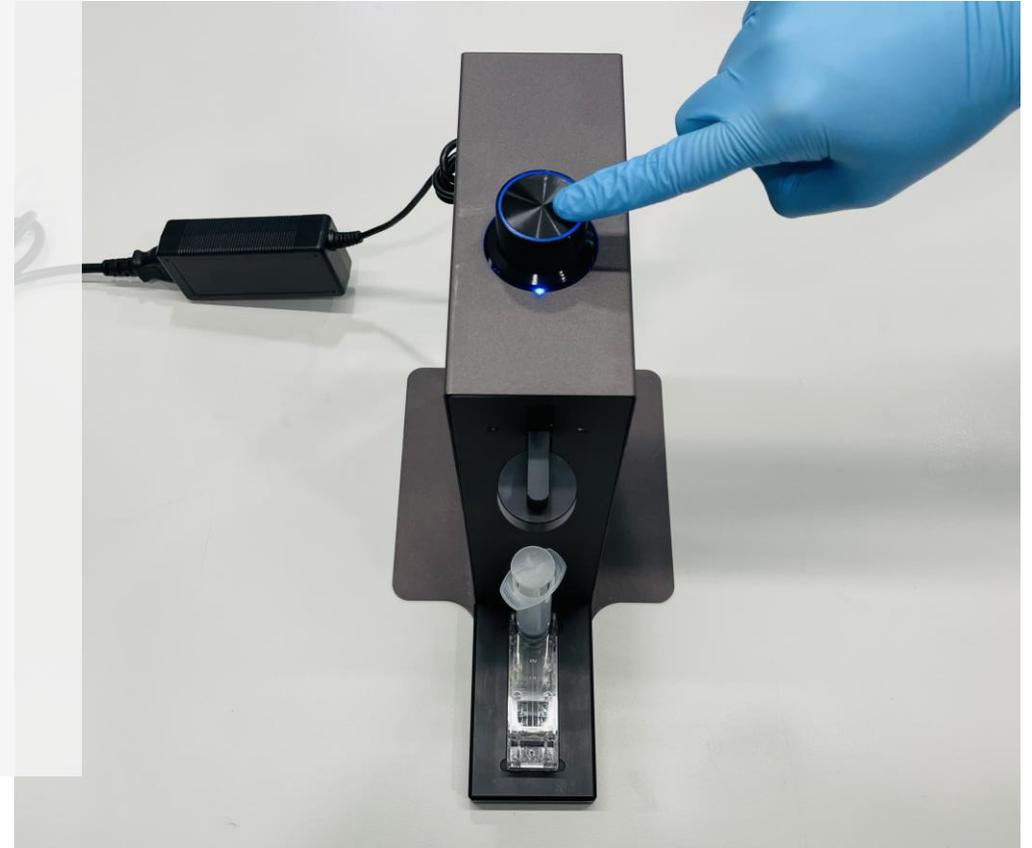
STEP 3. Turn on the power switch.

STEP 4



STEP 4. Check if the operation button lights up in blue.

- Step 1.** Place the pre-loaded Cellpuri on the chip holder.
- Step 2.** Press the operation button once.
 - * **Emergency Stop**
Press the operation button **once** to stop (during operation)
 - * **Return to start**
Pressing the operation button in the **Stop state** returns to the initial position
 - * **Error**
When an error occurs during operation, the pump **will stop automatically**
Eg: When loading a high concentration sample
- Step 3.** Wait for the pusher to fully go down and return to initial position.
- Step 4.** Gently mix and take the enriched cells from the outlet using a pipette.
- Step 5.** Dispose the chip and syringe after use.



IV. Warnings & precautions

Warnings & Precautions

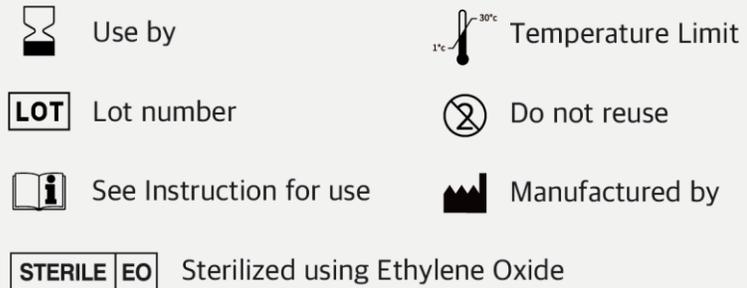
» Storing Cellpuri

- Do not store at extreme temperature and humidity.
- Keep the product at a room temperature between 1 ~ 30 °C and relative humidity.
- Keep the product in the original box to protect from light and physical damage.
- Cellpuri can be easily damaged by external shock. Be careful not to drop the product.

» Using Cellpuri

- Cellpuri is a single-use, sterilized product. Do not reuse.
- Do not use if the package is open or damaged.
- Read the instructions carefully before use.
- Use immediately after opening the package.
- Make sure that the product is facing upward and placed on a flat rigid surface.
- Do not add any solution other than cell suspension.
- Be careful of product's sharp edges.

Safety symbols



» Using Syringe pump

- Operate the device following the operating condition.
- Ensure the voltage matches with the device's power supply voltage.
- Check if the power cable is properly grounded to avoid potential electric shock.
- Use only the components provided and authorized by Curiosis Inc.
- Do not disassemble the device and contact an authorized service center if required.

Specifications

Cellpuri	
Dimension	76 x 25 x 23 mm
Weight	15.3 g
Sample size	7~15 μ m size cells
Sample concentration	$\sim 2 \times 10^6$ cells/ml
Enrichment	20-fold \sim
Yield	90% \sim
Loading volume	2~20 ml

Syringe pump	
Dimension	17 x 26 x 28 cm
Weight	4 kg
Volume range	2~10 ml
Flow rate	1 ml/min
Power	DC 24V, 2A
Operating condition	Temperature 20~35 $^{\circ}$ C Relative humidity < 95 %

Ordering information

Catalog no.	Product Name	Description
CRCPR-CE10	Cellpuri	Cell Enrichment chip (10 pc/box)
CRCPR-SP01	Syringe pump	Motorized vertical syringe pump

Thank you

End of Document

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CRQM007-2202Rev02