

# VITRIFICATION AND WARMING SOLUTIONS



Enjoy the vitrification operation at anytime, anywhere.

## REFERENCE

- 1 Gábor Vajta. Are programmable freezers still needed in the embryo laboratory? Review on vitrification. *Reproductive BioMedicine Online* 2006; 12:779-796.
- 2 Gábor Vajta. Vitrification in human and domestic animal embryology: work in progress. *Reproduction, Fertility and Development* (2012). doi.org/10.1071/RD12118.
- 3 Gábor Vajta, Anikó Reichart, Filippo Ubaldi, Laura Rienzi. From a backup technology to a strategy-outlining approach: the success story of cryopreservation. *Expert Rev. Obstet. Gyneco.* 8(2). (2013). N. De Munck, Gá. Vajta. Safety and efficiency of oocyte vitrification. *Cryobiology* (2017). doi: 10.1016/j.cryobiol.2017.07.009.
- 4 Gábor Vajta. Vitrification in ART: past, present, and future. *Theriogenology* (2020). doi.org/10.1016/j.theriogenology.2020.01.057.



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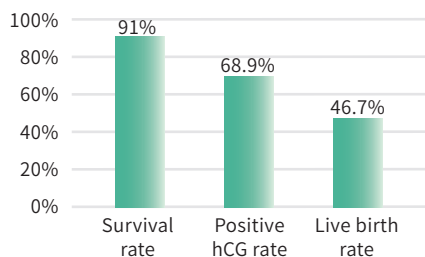
BR022201001 V02



# SUITABLE FOR CRYOPRESERVATION OF **HUMAN MII OOCYTES** OR **EMBRYOS** AT DIFFERENT DEVELOPMENTAL STAGES

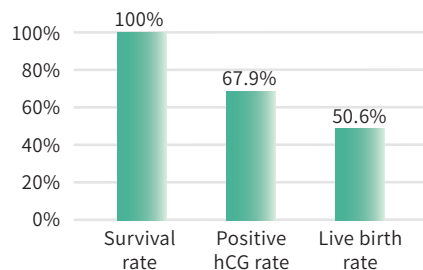
## Independent **international** clinical data

### FROZEN OOCYTE TRANSFER CLINICAL OUTCOMES



Note: From 2016 to 2017, a total of 72 subjects with 659 oocytes were included in center of Assisted Reproduction, Texas.

### FROZEN EMBRYO TRANSFER CLINICAL OUTCOMES



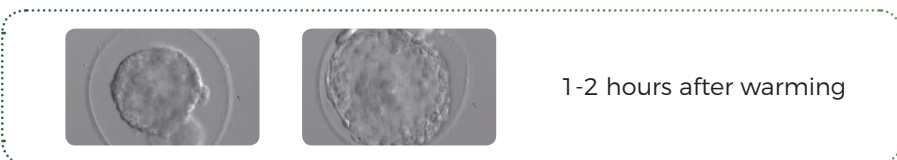
Note: A total of 417 subjects were included, and the results showed that: The positive hCG rate and live birth rate were higher than the average success rate of the United States in that year.



**Prof. Gábor Vajta**  
Chief Scientist Officer

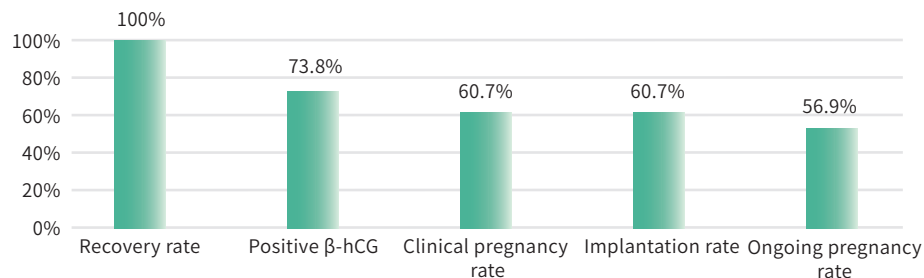
Co-founder of VitaVitro, invented the open pulled straw in 1998.

Vitrification Kit	V002001	V002002	V002004
HHM	1.0mL×1	4.5mL×1	2.0mL×1
HV1	1.0mL×1	4.5mL×1	2.0mL×2
HV2	1.0mL×1	4.5mL×2	2.0mL×2



## Independent **domestic** clinical data

### FROZEN BLASTOCYST TRANSFER CLINICAL OUTCOMES



Note: A prospective multicenter clinical study was conducted from 2018 to 2021. 61 subjects were treated with VitaVitro vitrification and warming kit, single blastocyst transfer, and 33 cases were born.



Warming Kit	V003001	V003002	V003004
HW1	1.5mL×2	4.5mL×1	2.0mL×5
HW2	1.0mL×1	4.5mL×1	2.0mL×2
HHM	1.8mL×1	4.5mL×2	2.0mL×3

**Storage:** 2-8°C

**Shelf Life:** 12 months

### PRINCIPAL COMPONENTS

M199 HEPES Buffered Medium, dimethyl sulfoxide, ethylene glycol, sucrose

**Antibiotic free**

### QUALITY CONTROL

**Endotoxin:** < 0.25 EU/mL

**1-cell Mouse Embryo Assay:** Blastocyst Rate ≥ 80% (at 96h)

**pH:** 7.2~7.6

**SAL:** 10<sup>-3</sup>