

PRODUCT CATALOGUE

# EmbryoNida®

- EmbryoNida® is hyaluronan rich (0.5 mg/mL) medium for embryo transfer. Hyaluronic acid is a substance present in skin, endometrium and follicles, which facilitates binding of the embryo to the endometrium and provides a physical protective effect. Hyaluronic acid used in EmbryoNida® is of high-purity pharmaceutical-grade, with low molecular weight.
- EmbryoNida® is for both cleavage-stage embryos and blastocysts.
- EN for use in multi gas incubator.
- ENM is HEPES buffered.



REF	Code	Description	Contents
93720	EN-10	ET Medium EmbryoNida	10mL×2
93721	EN-1.0	ET Medium EmbryoNida	1.0mL×10
93722	ENM-10	ET Medium EmbryoNida with HEPES	10mL×2
93723	ENM-1.0	ET Medium EmbryoNida with HEPES	1.0mL×10

## COMPONENTS

Alanyl-L-glutamine / Amino Acids / Calcium Chloride /  
Gentamicin / Glucose / Human Serum Albumin /  
Hyaluronic acid / Magnesium Sulfate / Potassium Chloride /  
Potassium Phosphate / Sodium Bicarbonate / Sodium Chloride /  
Sodium Lactate / Sodium Pyruvate  
"M" in the code : with HEPES

## QUALITY CONTROL

pH 7.2-7.6 /  
Osmolarity 270-295mOsm/L / Endotoxin <0.25EU/mL /  
Sterility test / Mouse Embryo Assay ≥80%

Storage: 2-8°C  
Shelf life: EN 4 months  
: ENM 8 months

## RESULT

Contents	EmbryoNida®
Frozen Embryo Transfer Cycle	237
Average age	35.8±4.3
Average No. of Embryo Transfer	2.3±2.2
Implantation rate	42.6%(101/237)
Abortion rate	11.1%(9/81)

From St. Mother Hospital Infertility Clinic

Specification may change without pre-notice for purpose of product improvement.

## Kitazato Corporation

HEADQUARTERS : 100-10 Yanagishima, Fuji, Shizuoka 416-0932 JAPAN

TOKYO : 1-1-8 Shibadaimon, Minato-ku, Tokyo 105-0012 JAPAN

[Mail contact@kitazato.co.jp](mailto:contact@kitazato.co.jp)

# PROTOCOL

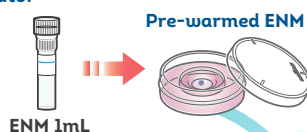
\* Perform embryo transfers following your laboratory protocol based on your expertise and proven results.  
Below is an example of protocol using respective ET medium.

## A For use of ENM (with HEPES)

- 01** Preparation : Prepare a dish for ET with 1mL of ENM prewarmed to 37°C.  
Then, transfer embryos from culture dish to the ET dish.
- 02** Embryo loading : Load embryos with Kitazato ET catheter under a stereomicroscope,  
by aspirating air, embryo and air, in this order.
- 03** Embryo transfer : Introduce the Kitazato ET catheter to the patient's uterus and place the embryos there.

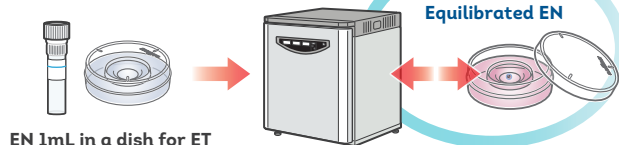
### A ENM (with HEPES)

Warm at 37°C in an incubator

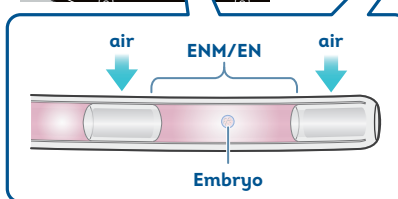
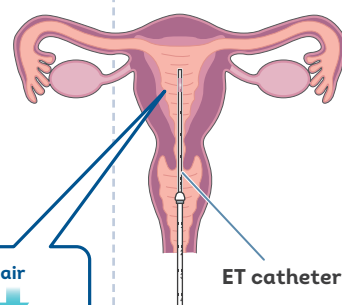
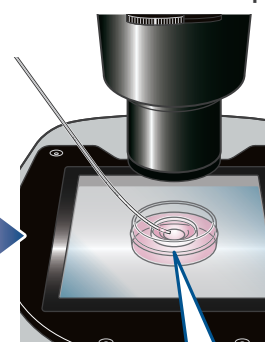


### B EN (without HEPES)

Equilibrate at 37°C,  
5% CO<sub>2</sub> incubator ≥2h



### Stereo microscope



Preparation / culture before embryo transfer

Embryo loading

Embryo transfer

## B For use of EN (without HEPES)

- 01** Preparation : Prepare a dish for ET with 1mL of EN.  
Then, equilibrate at 37°C, 5% CO<sub>2</sub> or similar environment in an incubator for a minimum of 2 hours.
- 02** Culture before embryo transfer : (A) For vitrified embryos, use EN for recovery culture after warming.  
(B) For fresh embryos, additional culture in EN is not mandatory, but they can be kept in EN  
if selecting embryos before transfer. **Refrain from overnight or long time culture.**
- 03** Preparation for Embryo Transfer : (A) Take out the embryos cultured after warming from the incubator.  
(B) Transfer the cultured fresh embryos to the EN.
- 04** Embryo loading : Load embryos with Kitazato ET catheter under a stereomicroscope,  
by aspirating air, embryo and air, in this order.
- 05** Embryo transfer : Introduce the Kitazato ET catheter to the patient's uterus and place the embryos there.

# RELATED PRODUCTS

- Dish for culture : 35mm 9dimple dish (REF. 1502050), Center well plate (REF. 1502040)
- Dish for embryo transfer : Culture dish (Φ35mm) (REF. 1502000), Center well dish (REF. 1502045)  
5well multi plate (REF. 1502030), Center well dish EZ (REF. 1502055)