

Sperm Swimming up Trapper Kit



USA Technology
Designed by Reprobiotech Corp
New York, USA

For laboratory procedures only; other uses must be qualified by the end user.

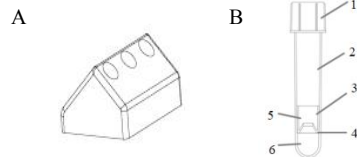
Product Name	Product Name	Unit Size
sperm swimming up Trapper Kit	45° sperm swimming up rack	/
	Sperm Swimming up Trapper	RBC-20 12

Intended Use

This product is registered in China Patent Office. It is mainly used for screening high-quality sperm in human assisted reproductive technology.

Product Description

Sperm Swimming up Trapper Kit includes Swimming sperm trapper and 45° sperm swimming up rack. The main body of 2 is cylindrical, its upper is opening and the lower end is equipped with an upward conical convex. In the center of the conical convex, it has a hole that allows sperm swimming up. Transfer the sperm into 6, when we need, load the culture medium into 5, and the medium will get into the Sperm cavity through 3. Place the upstream pipe in 45° sperm swimming up rack, then the sperm can swim into the culture medium through 3. High-quality sperms are collected from the groove for intrauterine insemination (IUI) or in vitro fertilization (IVF), thus raising the pregnant rate.



A 45° sperm swimming up rack
B Sperm Swimming up Trapper

1-Cap 2- The upstream pipe 3- Sperm swimming hole 4-Line 5-Culture medium cavity 6-Sperm cavity

Fig.1 Schematic diagram of Sperm Swimming up Trapper Kit

Product Advantages

- Simple and practical, easy method
- Natural screening of high quality sperm
- Sperm DNA integrity is good
- After fertilization, the embryo is of good quality
- Not subject to equipment and conditions
- 45° swimming without centrifugation, avoid centrifugal damage

Quality Assurance

Sterilized by Gamma ray.
ChP sterility test passed.
One-cell MEA tested and passed with 80% or greater blastocyst at 96 hours.
ChP Endotoxin test passed (detail see Certification of Analysis).

A Certificate of Analysis is available for this product.

Direction for Use

1. Intrauterine insemination (IUI) procedure

- Place 1.0 to 1.5 mL sperm washing medium (According to the volume of semen, calculate the accurate added volume of sperm washing medium, and the overall volume is 2.5mL) on the bottom of the upstream pipe with a Pasteur tube through sperm swimming hole.
- Suck 0.5 to 1.5mL of semen with another new Pasteur tube, and then inhale a small bubble in the front of the Pasteur tube. Slowly insert into the bottom of the upstream pipethrough sperm swimming hole, At last release the semen slowly form the Pasteur tube.
- Place the device at the 45° sperm swimming up rack in atmospheric conditions at room temperature for 30 minutes. Sperm can be carried out in the culture medium after swimming up movement.
- After the up streaming sperm passes through sperm swimming hole, the high quality live sperm travels in the groove around the conical protrusion, and the sperm can be

collected from the groove for intrauterine insemination (IUI).

2. In vitro fertilization (IVF) procedure

- Place 1.0-1.5 mL Fertilization (HTF) medium (According to the volume of semen, calculate the accurate added volume of Fertilization (HTF) medium, and the overall volume is 2.5mL) on the bottom of the upstream pipe with a Pasteur tube through sperm swimming hole.
- Suck 0.5 to 1.5mL of semen with another new Pasteur tube, and then inhale a small bubble in the front of the Pasteur tube. Slowly insert into the bottom of the upstream pipethrough sperm swimming hole, At last release the semen slowly form the Pasteur tube.
- Place the device at the 45° sperm swimming up rack in 37 °C, 5-6% CO2 incubator for 30 minutes. Sperm can be carried out in the culture medium after swimming up movement.
- After the up streaming sperm passes through sperm swimming hole, the high quality live sperm travels in the groove around the conical protrusion, and the sperm can be collected from the groove for in vitro fertilization (IVF).

Storage Condition

Avoid sunshine, water, high temperature and weight, store in a dry and ventilated place.

Precautions and Warnings

This product is intended for single use only, it should be destroyed according to hospital regulations.

This product is a sterile equipment which should be kept at room temperature and avoid direct sunlight.

Before use, if the pack was damaged or leaked, the product will not be used.

Since the date of production to count, the life of this product is 3 years.

RBC recommends that aseptic technique should be implemented strictly when you use this product.

ISO Notation



Rx Only 本产品需凭借医生（或有执照的操作者）的医嘱购买

Product standard number:

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