

# High Quality Sperm Screening Dish for ICSI



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

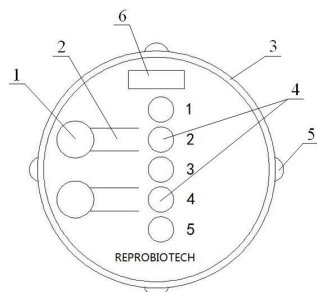
Product Name	Model	Size
High Quality Sperm Screening Dish for ICSI	RBC-2028	φ55mm

## Intended Use

This product is a US patent (USPTO) and the China patent product, mainly used in ICSI procedure to select high quality sperm in human assisted reproductive technology.

## Product Description

The product includes a dish and a lid. The product is made of medical polymer materials.



1- circular pit 2- slope 3-dish 4-circle 5-handle 6-label  
Fig.1

Schematic diagram of High Quality Sperm Screening Dish for ICSI

## Product Advantage

- Simple and practical, easy method.
- Natural screening of high quality sperm.
- Sperm DNA integrity is good.
- Effective separation of impurities and pathogens
- Reduce the damage of dead sperm to eggs
- Fertilized embryos are of good quality
- High safety and high success rate

## 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 with <0.5 EU/set.

A Certificate of Analysis is available for this product.

## Direction for Use

1. Label patient's name in 6 spot, then drop preheated HEPES or MOPS culture medium (containing the protein) in small circle of 4 spot, each drop is about 10-15μL, then store the oocyte(s) in the culture medium.
2. PVP add method:
  - 2.1. If the sperm is processed, a moderate amount of PVP will be dropped into the circular pit 1;
  - 2.2. If the sample is testicular or epididymal sperm, a moderate amount of HEPES or MOPS is dropped into a circular pit 1. Then add PVP along the slope, build PVP bridge at the top of the slope, thus selected sperm will be more active.
- 2.3. Cover the medium with culture oil (3-3.5mL)
3. Sperm sample add method:
  - 3.1. Drop the treated semen sample into the circular pits 1, where the sperm in the semen will swim along the ramp 2 and is separated with pathogens.
  - 3.2. Drop the treated testicular or epididymal sperm sample into the circular pits 1. The living sperm can swim to the edge of the circular pit, or will swim along the slope 2, then use the ICSI needle to suck the sperm and transfer it into the PVP solution. At the top of the slope 2, high quality sperm can be obtained for ICSI.

## Precautions

Do not re-use the product, please destroy it after use.

The product has been sterilized by gamma ray and the period of sterilization validity is three years. Do not use if the sterile packaging has been compromised or expiry date has been exceeded.

This product is intended to be used by staff who have obtained the relevant qualifications.

## Warnings

Law restricts this device to sale by or on the order of a physician.

Before use the product, please read the instruction for use carefully.

Waste should be disposed in according to the regulations of hospital or environmental protection department.

During use the product, please do not try to change its structure.

## Storage Condition

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

## ISO Notation



**Rx Only** This product should be purchased by a doctor (or a licensed operator)

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Production license number: 鲁食药监械生产许 20190034 号

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