

## Media for Sperm Preparation

- Sperm Preparation Medium for sperm wash and isolation of motile viable sperm by swim-up
- SupraSperm® for isolation of viable sperm by density gradient



## ORIGIO Media for Sperm Preparation

### Sperm Preparation Medium

Sperm Preparation Medium is for sperm washing and isolation of motile viable sperm by the swim-up method.

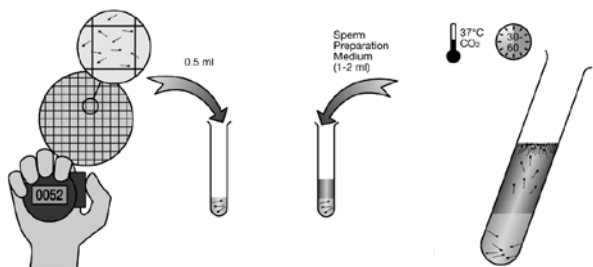
Sperm Preparation Medium is based on Earle's Balanced Salts Solution and contains synthetic serum replacement (SSR®) and human serum albumin (HSA). To stabilize the pH for use outside the incubator, HEPES has been included in the formulation of the medium.

### SupraSperm®

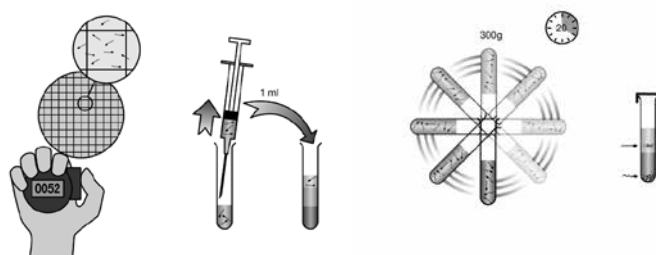
SupraSperm® is a gradient system for separation and purification of spermatozoa by density gradient centrifugation. SupraSperm® is a salt solution containing a colloidal suspension of silica particles stabilized with covalently bound hydrophilic silane.

Preparation of density gradients using silane coated silica particle suspensions has proven to obtain high yields of motile sperm cells after separation. For convenience SupraSperm® is available both as a ready-to-use gradient system (55% and 80%) and a 100% solution for individual preparation of gradients.

### Protocol (Swim-up)



### Protocol (Density gradient)



### Ref. No.

#### Sperm Preparation Medium

1070 2010, with Phenol Red, 2x10 ml  
 1070 1010, with Phenol Red, 10x10 ml  
 1070 0060, with Phenol Red, 60 ml  
 1070 5060, with Phenol Red, 5x60 ml  
 1069 1010, without Phenol Red, 10x10 ml  
 1069 0060, without Phenol Red, 60 ml  
 1069 5060, without Phenol Red, 5x60 ml

#### SupraSperm®System (55% and 80%)

1092 2010, with Phenol Red, 2x10 ml  
 1092 2060, with Phenol Red, 2x60 ml

#### SupraSperm®100

1097 0060, without Phenol Red, 60 ml  
 1097 2060, without Phenol Red, 2x60 ml  
 1097 0500, without Phenol Red, 500 ml

### Quality control testing

- Sterility
- pH
- Osmolality
- Endotoxin
- Sperm survival

### Contact

Please visit [www.origio.com](http://www.origio.com) to find your local ORIGIO distributor or contact ORIGIO directly at the address listed below.