## CARD HyperOva for RAT

## **Procedure**

enter for esources and evelopment

The administration volume is different depending on the age of rat.

Day 1 9:00-11:00

- 1. Remove CARD HyperOva for RAT from a freezer. Place the CARD HyperOva for RAT in an incubator, a water bath, etc. at 37°C and leave it for 10 minutes to thaw.
- 2. The thawed reagent must be injected within an hour of thawing. Before sucking up the reagent into the cylinder, invert the tube and mix the contents well in order to suspend the CARD HyperOva for RAT.
- 3. Inject
  - 0.2mL/rat (4-5 weeks old rat)
  - 0.3mL/rat (more than 6 weeks old rat)

of CARD HyperOva for RAT into the abdominal cavity.



Day 2

Day 3 16:30-17:30 4. Inject

20IU (4-5 weeks old rat)

30IU (more than 6 weeks old rat)

of hCG\* into the abdominal cavity about 56 hours after administering CARD HyperOva for RAT.

\*Please prepare hCG separately.

Day 4 9:00-



5. About 16 hours after the hCG injection, remove the swollen area of the oviduct from the rat, remove the cumulus-oocyte-complexes, and transfer to a medium such as CARD Rat IVF medium or CARD mHTF for in vitro fertilization.

## Reference

Takeo T, Nakao S, Mikoda N, Yamaga K, Maeda R, Tsuchiyama S, Nakatsukasa E, and Nakagata N, Optimaized protocols for sperm cryopreservation and in vitro fertilization in the rat. Lab Anim. 2022, 51:256-274.

## Notes

For laboratory use only Contains no harmful ingredients. Do not drink and touch your bocy.



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