

## Instruction of Use Cumulus Remover Kit for OPU-IVF

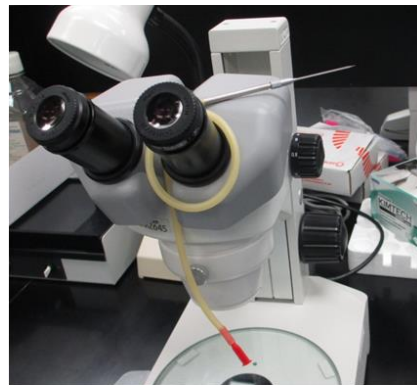
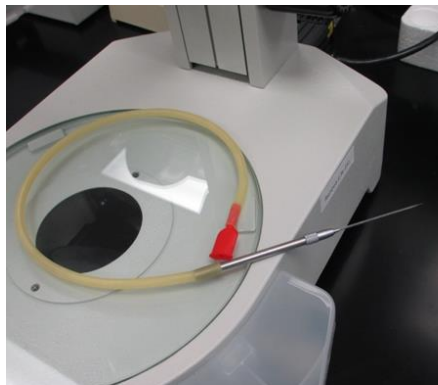
1. Insert one glass micropipette from Cumulus Removal Glass: Cat# **RLI CRG 01** into Cumulus Remover-**RLI CR 01**. The outer diameter of **RLI CRG 01** pipette tip is made at 160  $\mu\text{m}$ , the similar size of a bovine zygote.
2. After TALP IVF for 18 h, transfer fertilized cumulus oocyte complexes (COCs) into **SAR IVC-W** dishes.
3. Remove cumulus cells from an oocyte by pipetting with **RLI CRG 01** glass pipet with a diameter at 160  $\mu\text{m}$ . The diameter of an oocyte is varied from 160 to 180  $\mu\text{m}$ . RLI Cumulus Remover (RLI CR 01) apparatus can make cumulus removal much easier. **RLI CRG 01** contains 15 glass micropipette can be used for 4-5 trials of OPU-IVF production.
4. After stripping of zygotes, transfer zygotes into new **SAR IVC-W** dish for completely remove of any cumulus cells.
5. Wash zygotes 6-8 times in new/fresh **SAR IVC-W** droplets/medium prior to putting into **SAR-IVC** culture droplets.
6. Wash presumptive zygotes in **SAR IVC** medium one time, and then transfer them into **SAR IVC** droplets for embryo culture *in vitro*.



Holder Clamper



Pipette Holder



Cumulus Remover