



TRANSGENIC SERVICES

Rederivation and
Cryopreservation

Assisted reproduction

Customised breeding



ZYGOTES kit

- **Species:** Mice
- **Deliverable:** zygotes stage embryos of the murine strains in JANVIER LABS catalogue
- **Packaging:** Small: 10 straws of 25 zygotes each, e.g. 250 zygotes
Large: 40 straws of 25 zygotes each, e.g. 1,000 zygotes

Description of our service

The **ZYGOTES kit** is a kit containing frozen embryos straws at zygote stage. The zygotes kit enable you to create genetically modified animals by microinjection of or CRISPR. This kit can be useful to all studies requiring the use of preimplantation stage embryos.

Our kits also enable you to reach the stages of production of embryos in your own animal facility: gain time, free up space, standardise your procedures (mastering of quantities and quality), reduce of the quantity of animals used, increase flexibility...

In your first delivery, you will receive a thawing kit (including material to use), as well as a complete users' guide and videos.

Our method

Procedure in your laboratory using the kit supplied with the necessary thawing equipment for thawing straws:

- defrosting a straw.
- culture overnight at 37° C, 5% CO₂.
- micro-injection after thawing and incubation during a short period.



www.janvier-labs.com

Possible options

- All strains from JANVIER LABS's catalogue as frozen embryos.
- Straws with embryos at all stages of preimplantation development.
- Shipment of straws in a "dry shipper" and thawing kit with our dedicated and internal transport service.

Our added value

- 50 years of experience in the management, breeding and production of rodents.
- A team of experts to advise you on the choice of strains, packaging and procedures to simplify the realisation of your models of genetically modified rodents.
- The shipment of straws in a "dry shipper" and thawing kit with our dedicated and internal transport service.

Our additional offer



Research models



Laboratory services



Customized breeding