

TRANSGENIC RABBIT SERVICES IN DETAILS

RENOVA LIFE INC.

SERVICE DETAILS FOR RABBIT DNA MICROINJECTION/TRANSGENICS

Normally customers provide DNA construct for microinjection. We recommend customers test their construct in a smaller animal (mostly in mice) before being used in the rabbits.

1. MI-ET (DNA microinjection & embryo transfer):

This is the main service package; the package includes all service items described below, and is charged as one MI-ET service. It includes:

- The work to collect zygote stage rabbit embryos, perform DNA microinjection, in vitro culture the embryos, prepare the recipient animals, and perform embryo transfer.
- Animal pregnancy and birth care
- C-section on recipients when necessary
- Baby rabbit care till the age of 35 days old.
- All chemicals, drugs, supplies, and man-hours that are needed to complete the work.
- The purchase of donors (embryo donor rabbits) and recipients (embryo recipients) to complete the work.
- Proper IACUC approval and documentation

Note: With approximately 300 embryos MIed, it is expected that 2-3 positive animals will be generated. However, transgenic rate vary depending on the transgene construct used.

2. EAR-SMP (ear sampling):

This service includes collecting a 5mm diameter skin tissue from one ear of a young rabbit normally at the age D35 to D45. This is normally for genotyping assays.

The customer is responsible for any shipping charges.

3. BLOOD-SMP (blood sampling):

This service includes collecting blood from ear vein from a rabbit normally older than 6 weeks.

The customer is responsible for any shipping charges.

4. PCR-GENO (PCR genotyping):



This service includes performing PCR assay to determine the genotype of the animals. The customers will provide primer sequence.

5. PER-DIEM:

We charge per diem for any rabbit in the project that is older than 35 days old.

6. BRED (breeding of a pair of rabbits)

We charge the breeding program.

7. RAB (rabbit purchase):

We charge extra female and female rabbits other than donors and recipients.

8. GUARANTEE:

Due to the nature of the project, we normally do not guarantee the production of transgenic animals; nor do we guarantee the expression of the transgene(s). However, if the customers are able to demonstrate success evidence in mice (or rats), we are happy to discuss the guarantee of the projection of certain number of transgenic animals.

9. INQUIRY:

Please make an inquiry for the detailed service charges to

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Please check our web site at <http://renovalife.com/products.php> for more information.