These RIP-E3/NOD mice express a transgene containing adenovirus early region 3 genes under control of the rat insulin II promoter (RIP).

Overview

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.
Transgenic expression of adenovirus early region 3 genes under the rat insulin II promoter (RIP) in beta-cells in nonobese diabetic (NOD) mice decreases the incidence and delays the onset of autoimmune diabetes. The immune effector cells of RIP-E3/NOD mice maintain the ability to infiltrate the islets and transfer diabetes into NOD-scid recipients, although at a significantly reduced rate compared with wild-type littermates. The islets of RIP-E3/ NOD mice can be destroyed by adoptive transfer of splenocytes from wild-type NOD mice; however, the time to onset of hyperglycemia is delayed significantly.
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
albino, pink eyed
Related Genotype: A/A Tyr^P/Tyr^P

Citation
When using the NOD.Cg-Tg(Ins2-E3)1Dvs/DvsJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #003869 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Description
Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

<table>
<thead>
<tr>
<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Hemizygous or Non carrier for Tg(Ins2-E3)1Dvs</td>
<td>$2,854.50</td>
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We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryorecovery to establish a Dedicated Supply for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

Payment Terms and Conditions
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General Terms and Conditions

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Email: TechTran@jax.org

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