NOR/LtJ

Stock No: 002050

Inbred Strain

AVAIL ABLE NOW

PLACE ORDER

Sized to accommodate orders of up to 10 or more with age range. Call Customer Service for details.

Also Known As: NOR

NOR/LtJ mice are insulitis resistant and diabetes free. NOR/LtJ mice still exhibit peripheral T-lymphocyte accumulation and defective peritoneal macrophage responses characteristic of NOD/ShiLtJ mice (Stock No. 001976). NOR/LtJ mice are matched at the diabetogenic H2\textsuperscript{K} complex to NOD/ShiLtJ. In addition to serving as controls to the NOD/ShiLtJ strain, these mice are useful in studies of hearing loss.

READ MORE +

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Contact Technical Support</td>
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<td>(2018-07-27 00:00:00)</td>
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VIEW GENETICS
RESEARCH APPLICATIONS
Immunology, Inflammation and Autoimmunity Research
Neurobiology Research
Sensorineural Research
Diabetes and Obesity Research

BASE PRICE
Starting at:

$88.58 Domestic price for female 3-week

Details

Important Note
This strain is homozygous for Cdh23ahl, the age related hearing loss 1 mutation, which on this background results in progressive hearing loss with onset prior to three months of age.

Detailed Description
NOR/LtJ mice are insulitis resistant and diabetes free. NOR/LtJ mice still exhibit peripheral T-lymphocyte accumulation and defective peritoneal macrophage responses characteristic of NOD/ShiLtJ mice (Stock No. 001976). NOR/LtJ mice are matched at the diabetogenic H2d7 complex to NOD/ShiLtJ.

Development

Selected References

Genetics

Gpr84ahl

Cdh23ahl

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype
Phenotype Information

References

Technical Support

Genotyping Protocols
Genotyping resources and troubleshooting
Inbred mouse strains are maintained through sibling (sister x brother) matings; no genotyping required.

Dietary Information
LabDiet® 5K52 formulation (6% fat)

Breeding Considerations
This strain is a good breeder.
Additional Breeding and Husbandry Support

Mating System
Sibling x Sibling

Appearance
albino
Related Genotype: A/A Tyr<sup>c</sup>/Tyr<sup>c</sup>

Citation

Animal Health Reports
When using the NOR/LU mouse strain in a publication, please include JAX stock #002050 in your Materials and Methods section.

Facility Barrier Level Descriptions

MP13 (Maximum)

Pricing & Availability

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<thead>
<tr>
<th>AGE</th>
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Related Strains

All

By Allele

By Gene

By Collection

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