

**NOR/LtJ**Stock No: **002050** Inbred Strain

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

[PLACE ORDER](#)[Email](#) [Download PDF](#) [Help](#)**Also Known As: NOR**

NOR/LtJ mice are insulinitis 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  $H2^{g7}$  complex to NOD/ShiLtJ. In addition to serving as controls to the NOD/ShiLtJ strain, these mice are useful in studies of hearing loss.

[R E A D M O R E +](#)**GENETIC OVERVIEW****Genetic Background****Generation**[Contact Technical Support](#)  
(2018-07-27 00:00:00)[V I E W G E N E T I C S](#)

## RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research  
Neurobiology Research  
Sensorineural Research  
Diabetes and Obesity Research

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### BASE PRICE

Starting at:

\$93.01 Domestic price for male 3-week

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### Details

#### Important Note

This strain is homozygous for *Cdh23<sup>ahl</sup>*, 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 insulinitis 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<sup>g7</sup>* complex to NOD/ShiLtJ.

#### Development

#### Selected References

### Genetics

[+ \*Cdh23<sup>ahl</sup>\*](#)

[+ \*Gpr84<sup>del</sup>\*](#)

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## – Disease/Phenotype

[+ Disease Terms](#)

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[+ Research Areas By Phenotype](#)

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[+ Mammalian Phenotype Terms by Genotype](#)

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[+ Phenotype Information](#)

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[+ References](#)

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## – Technical Support

C O N T A C T   T E C H N I C A L   S U P P O R T

### 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

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

### Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [MP13 \(Maximum\)](#)

## 🔍 Pricing & Availability



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### Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

#### LIVE MOUSE

AGE	SEX	PRICE
3 weeks	Female	\$94.79
	Male	\$93.01
4 weeks	Female	\$94.79
	Male	\$93.01
5 weeks	Female	\$94.79
	Male	\$93.01
6 weeks	Female	\$98.24
	Male	\$96.46
7 weeks	Female	\$101.69
	Male	\$99.91
8 weeks	Female	\$105.14
	Male	\$103.36
9 weeks	Female	\$108.59
	Male	\$106.81

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The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

## Terms Of Use

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### LICENSING INFORMATION

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

## Related Strains

All

By Allele

By Gene

By Collection






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