

## RHJ/LeJ

Stock No: **001591** | rhino Jackson

 **Inbred Strain, Spontaneous Mutation**

Live colonies will be removed soon

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ordered immediately. After removal, the mice will be available from a cryorecovery.

Hairless Rhino mice have spleen cells with a defective response to T-dependent antigens mice, and have increased numbers of *Thy1* positive epidermal dendritic cells.

READ MORE +

## GENETIC OVERVIEW

Genetic Background

Generation

[F142p]+F29  
(2021-01-11 00:00:00)

VIEW GENETICS

## RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research  
Research Tools

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$236.78 Domestic price for female

473.55 Domestic price for breeder pair

\$2,854.50 Domestic price Cryo Recovery

V I E W P R I C E L I S T

## Details

### Detailed Description

Rhino mice have spleen cells with a defective response to T-dependent antigens and they develop an autoimmune disease characterized by hypergammaglobulinemia, immunoglobulin deposits in basement membrane of skin, spleen, liver, and kidney, and presence of antinuclear antibodies which occur in young mice and increase with age. These mice have increased numbers of *Thy1* positive epidermal dendritic cells. Like homozygous hairless mice, rhino mice are hairless by 5 weeks and their skin becomes wrinkled and thickened.

### Development

### Control Suggestions

### Selected References

## Genetics

### $Hr^{rh-J}$

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### Phenotype Information

- 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](#)

Dietary Information

LabDiet® 5K52 formulation (6% fat)

Mating System

Heterozygote x Homozygote

Appearance

unpigmented, without hair

Related Genotype: *a/a Tyrp1<sup>b</sup> /Tyrp1<sup>b</sup> Tyr<sup>c</sup> /Tyr<sup>c</sup> Hr<sup>rh-J</sup> /Hr<sup>rh-J</sup>*

albino, unaffected

Related Genotype: *a/a Tyrp1<sup>b</sup> /Tyrp1<sup>b</sup> Tyr<sup>c</sup> /Tyr<sup>c</sup> Hr<sup>rh-J</sup> /+*

Citation

When using the rhino Jackson mouse strain in a publication, please include JAX stock #001591 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [FGB29 \(Standard\)](#)

- Pricing & Availability



Live colonies will be removed soon

Available

Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

LIVE MOUSE

AGE	SEX	GENOTYPE	PRICE
Approx 4-8 weeks	Female	Heterozygous for Hr <sup>rh-J</sup>	\$236.78
	Male	Heterozygous for Hr <sup>rh-J</sup>	\$236.78

Approx 4-8 weeks	SEX	Homozygous for Hr <sup>rh-J</sup>	\$236.78
	Male	Homozygous for Hr <sup>rh-J</sup>	\$236.78

BREEDER PAIR		
SEX	GENOTYPE	PRICE
Female	Heterozygous for Hr <sup>rh-J</sup>	\$473.55
Male	Homozygous for Hr <sup>rh-J</sup>	

CRYORECOVERY - DOMESTIC PRICING		
SERVICE/PRODUCT	DESCRIPTION	PRICE
<a href="#">Cryo Recovery</a>	Heterozygous or Homozygous for hr<rh-J>	\$2,854.50

## PAYMENT TERMS AND CONDITIONS

Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

## THE JACKSON LABORATORY'S GENOTYPE PROMISE

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.

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Q U E S T I O N S   A B O U T   T E R M S   O F   U S E

## 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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# TOMORROW'S CURES



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