

ICR/HaJ

Stock No: **009122**

 **Inbred Strain**

Live mice available in varying quantities. Ask Customer Service for details.

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carcinogen-induced colon cancer.

Donating Investigator

Rosemary W. Elliott, Roswell Park Cancer Inst.

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

F41p+

(2021-04-19 00:00:00)

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

Cancer Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$183.00 Domestic price for female 4-week

Details

Detailed Description

This inbred strain is derived from the outbred stock ICR. ICR/HaJ may serve as a general purpose strain and is known for susceptibility to induced colon cancer. In contrast to resistant C57BL/6HaJ (009123), 100% of ICR/HaJ mice develop colon tumors and adenocarcinomas by 24 weeks following subcutaneous injection of 1,2-dimethylhydrazine (DMH). ICR/HaJ carries the MHC haplotype $H2^g$ and may be used as a control for NOD/ShiLtJ (Stock #001976). Mice do not develop insulinitis or diabetes. Like ICR, this inbred is highly prolific. This strain may be useful in therapeutic drug testing, genetic analysis of carcinogen-induced colon cancer and as control for NOD/ShiLtJ.

Development

Control Suggestions

Selected References

Genetics

$Ccs1^{ICR/Ha}$

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

Phenotype Information

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Dietary Information

LabDiet® 5K52 formulation (6% fat)

Breeding Considerations

ICR/HaJ mice are susceptible to eye inflammation, therefore nestlets are not recommended as bedding material.

[Additional Breeding and Husbandry Support](#)

Mating System

Inbred x Inbred

Appearance

albino

Related Genotype: *A/A*, *Tyr^c/Tyr^c*

Citation

When using the ICR/HaJ mouse strain in a publication, please include JAX stock #009122 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [AX10 \(Standard\)](#)

Pricing & Availability



Live mice available in varying quantities. Ask Customer Service for details.

Available

Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

LIVE MOUSE

AGE	SEX	GENOTYPE	PRICE
4 weeks	Female	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00
5 weeks	Female	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00

6 weeks	SEX	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00
7 weeks	Female	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00
8 weeks	Female	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00
9 weeks	Female	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00
10 weeks	Female	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00
11 weeks	Female	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00
12 weeks	Female	Not Applicable	\$183.00
	Male	Not Applicable	\$183.00

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	ICR/HaJ Frozen Embryos	\$2595.00
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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.

Terms Of Use

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ADDITIONAL USE RESTRICTIONS APPLY

NOT AVAILABLE TO COMPANIES OR FOR COMMERCIAL
Use of MICE only available to non-profit entities.

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

☰ Related Strains

All

By Allele

By Gene

By Collection







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