

CD7/JIsJ

Stock No: **006178**

 Inbred Strain

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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Donating Investigator

Dr. Jimmy Spearow, University of California - Davis

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GENETIC OVERVIEW

Genetic Background

Generation

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RESEARCH APPLICATIONS

Research Tools

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BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

Detailed Description

Swiss derived CD-1 mice are less responsive to exogenous estradiol than most inbred strains as measured by resistance to decreases in testes weight, spermatogenesis, and spermatid development. Derived from CD-1, the inbred strains CD3/JIsJ, CD7/JIsJ, and CD9/JIsJ mice exhibit a moderate sensitivity to endocrine disruption by estradiol, while CD10/JIsJ mice are highly resistant to endocrine disruption by estradiol (personal communication). All lines generated in the selection program are significantly less responsive to estradiol than C57BL/6 mice.

The selectively bred strains CD3/JIsJ (Stock No. [006177](#)), CD7/JIsJ (Stock No. [006178](#)), CD9/JIsJ (Stock No. [006179](#)) and CD10/JIsJ (Stock No. [006180](#)) may serve as tools for mapping and characterizing genes responsible for estradiol sensitivity.

SNP data is available for this strain on the [Wellcome Trust Centre for Human Genetics](#) site.

Development

Selected References

Genetics

Currently there are no related genes or alleles for this strain.

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](#)

Appearance

albino

Related Genotype: Tyr^f/Tyr^f

Citation

When using the CD7/JlsJ mouse strain in a publication, please include JAX stock #006178 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, [G200](#)

Pricing & Availability



Cryo
Recovery

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

Domestic International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Inbred, 1 pair minimum will be supplied	\$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

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All

By Allele

By Gene

By Collection





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