

IWSR1/PdxJ
Stock No: 025206
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

John C Crabbe, Oregon Health & Science University

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GENETIC OVERVIEW

Genetic Background Generation

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

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BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

Detailed Description

Inbred Withdrawal Seizure-Resistant, replicate 1 (iWSR-1) mice were inbred for 20 generations from a selected line of mice developed for low alcohol withdrawal seizure severity. For the selection, offspring from first litters were made physically dependent on ethanol and were then tested for ethanol withdrawal severity. The Withdrawal Seizure-Resistant replicate lines were selectively bred for high alcohol withdrawal convulsion severity after 72hr of continuous chronic ethanol vapor inhalation. The inbred strain iWSR-1 exhibits seizures approximately 10-fold less severe after an identical regimen of chronic exposure to ethanol than the inbred Withdrawal Seizure-Prone, replicate 2 (iWSP-2) strain that was developed in tandem (Stock No. 025205).

Development

Control Suggestions

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

References

Technical Support

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Breeding Considerations

These mice have reasonable fecundity, and produce about 6 pups per fertile mating pair, with about 75% of mating pairs fertile.

[Additional Breeding and Husbandry Support](#)

Citation

When using the IWSR1/PdxJ mouse strain in a publication, please include JAX stock #025206 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

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	IWSR1/PdxJ Frozen Embryos	\$2595.00
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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.

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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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By Allele

By Gene

By Collection






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