Overview

iWSR-1 mice were selectively bred to exhibit low alcohol withdrawal convulsion severity.

Donating Investigator

John C Crabbe, Oregon Health & Science University
RESEARCH APPLICATIONS
Neurobiology Research

BASE PRICE
Starting at:
$2,854.50 Domestic price Cryo Recovery

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 Genotype

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
Animal Health Reports
Facility Barrier Level Descriptions
Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

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

Cryo Recovery

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<tr>
<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tr>
<td>Cryo Recovery</td>
<td>Inbred, 1 pair minimum will be supplied</td>
<td>$2,854.50</td>
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We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryo recovery to establish a Dedicated Supply for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

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