BXH7/TyJ

Stock No: 000014

Recombinant Inbred (RI)

Cryo Recovery

PLACE ORDER

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

Overview

The BXH set of RI strains is used in the genetic analysis of numerous complex or potentially complex physiologic phenotypes including differences in thyroid function (Graves' disease), bone mineral density, atherosclerosis and leukemia. The BXH set is derived from the C57BL/6J (Stock No. 000664) and C3H/HeJ (Stock No. 000659) progenitor strains.

READ MORE +

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Micrl&lt;sup&gt;n&lt;/sup&gt;</td>
<td></td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
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<tbody>
<tr>
<td>QTL</td>
<td>Micrl</td>
<td>microwave induced increase in complement receptor B cells</td>
</tr>
</tbody>
</table>

VIEW GENETICS
RESEARCH APPLICATIONS
Research Tools

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

VIEW PRICE LIST

Details

Detailed Description
The BXH set of RI strains is used in the genetic analysis of numerous complex or potentially complex physiologic phenotypes including differences in thyroid function (Graves' disease), bone mineral density, atherosclerosis and leukemia.
A SNP data set is available through the Mouse Phenome Database for the BXH strains.
Another BXH genotype data set consists of 472 MIT CA-repeat dinucleotide microsatellite markers that were typed at UTHSC from 1998 through 2000. The file is taken directly from Williams and colleagues (2001) without any significant modification in genotypes. This order of markers has been updated to conform to the March 2005 assembly of the mouse genome (Build 34 or UCSC mm6). The data set may be downloaded from the University of Tennessee Gene Network site. A data set from Mouse Genome Informatics Contributed Data Sets is also available.
Tools for using the RI set are presented through the Mouse Phenome Database

Specialized Strain Panel Query Form, and

Gene Network.

Development

Selected References

Genetics

Micr6

Disease/Phenotype

Disease Terms
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
black
Related Genotype: a/a

Citation
When using this RM/4AT mouse strain in a publication, please cite the originating article(s) and include JAX stock #000014 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

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

<table>
<thead>
<tr>
<th>Domestic</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryorecovery - Domestic Pricing</td>
<td>genotype</td>
</tr>
<tr>
<td>Cryo Recovery</td>
<td>Inbred, 1 pair minimum will be supplied, 1 pair minimum</td>
</tr>
</tbody>
</table>

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.

Cryorecovery 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.

| Related Products and Services | BXH7/TyJ Frozen Embryos | $2595.00 |

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.

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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.

Terms Of Use

Terms of Use
General Terms and Conditions

 LICENSING INFORMATION

Phone: 207-288-6470
Email: TechTran@jax.org

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