Overview

Mice of this strain develop spontaneous colitis.

C3H/HeJ BirLtJ

Stock No: 005972

Inbred Strain

CRYO RECOVERY

PLACE ORDER

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

GENETIC OVERVIEW

Genetic Background  Generation

VIEW GENETICS
Important Note
This strain is homozygous for Pde6b<sup>rd1</sup> and Tlr4<sup>Lps-d</sup>.

Detailed Description
Under conventional housing conditions, C3H/HeJ BirLtnJ mice develop spontaneous colitis. It should be noted that the phenotype of cecocolitis in this strain requires an interaction with an as yet undefined component of the enteric flora. Inflammation is present mainly in the cecum and right colon. Colitis develops early in life and resolves by three months of age. The colitis is characterized by acute and chronic inflammation, ulcerations, crypt abscesses, regenerative hyperplasia and submucosal scarring. A mild recurrence of the disease can occur after one year. Small lesions at the anorectal junction are common throughout life.
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
agouti
Related Genotype: A/A

Citation
When using the C3H/HeJBirLtJ mouse strain in a publication, please include JAX stock #005972 in your Materials and Methods section.

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.

Cryorecovery - Domestic Pricing

<table>
<thead>
<tr>
<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<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.

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.

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
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General Terms and Conditions

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

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

C3H/HeJ

Stock No: 000659 | C3H  
Related By: Tlr4, Pde6b, Tlr4.487d, C3H Strains

C3HeB/FeJ

Stock No: 000658 | C3HFe  
Related By: Pde6b, Pde6b.97, C3H Strains

CBA/J

Stock No: 000656  
Related By: Pde6b, Pde6b.97

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