B6C3Fe a/a-Napa hyh/J

Stock No: 001035 | hydrocephaly with hop gait

Spontaneous Mutation

REQUEST CRYORECOVERY

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

Overview

Also Known As: B6C3Fe a/a-hyh/J, hydrocephaly with hop gait

These mice carry a spontaneous mutation at the Napa locus characterized by hydrocephalus.
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<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>a</td>
<td>nonagouti</td>
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### RESEARCH APPLICATIONS
- Developmental Biology Research
- Neurobiology Research
- Cell Biology Research

### BASE PRICE
Starting at:

$2,595.00 Domestic price Cryo Recovery

### Details

#### Detailed Description
Although no overt phenotype is apparent in newborn hyh mice, they have dilated lateral ventricles. By 2 weeks of age, an outward phenotype of a domed head and a hop gait is apparent. Dissection and histological examination reveal "hydrocephalus of lateral and third ventricles and of the caudal aspects of the cerebral aqueduct" increasing in severity with age (Bronson et al., 1990). Homozygotes have a decreased lifespan usually dying before 2 months of age. Some homozygotes will live for several months, but usually will not breed.

### Development

### Genetics

#### a
Genotyping Protocols
End Point Analysis: Napa<sup>hyh</sup>
Pyrosequencing: Napa<sup>hyh</sup> Pyro
Genotyping resources and troubleshooting

Citation
When using the hop<cite>hyh</cite> mouse strain in a publication, please cite the originating article(s) and include JAX stock #001035 in your Materials and Methods section.

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.

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<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Wildtype for Napa&lt;hyh&gt;</td>
<td>$2,595.00</td>
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</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.

**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.

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**Terms Of Use**

**Terms of Use**
*General Terms and Conditions*

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**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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TOMORROW'S CURES