Also Known As: Marsh Albino Murray

A characteristic of MA/MyJ is the spontaneous mutation hf (hepatic fusion), which results in varying degrees of fusion in the hepatic lobes. Mice of this strain are generally resistant to X-irradiation. They have a low spontaneous mammary tumor incidence, but are highly susceptible to the mammary tumor virus.

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td></td>
<td>F124p+ F2</td>
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<td>(2019-10-03 00:00:00)</td>
</tr>
</tbody>
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RESEARCH APPLICATIONS

- Neurobiology Research
- Sensorineural Research
- Metabolism Research
- Research Tools

BASE PRICE

Starting at:

$278.00 Domestic price for female
Details

Important Note
This strain is homozygous for Cdh23ahi, the age related hearing loss 1 mutation, which on this background results in progressive hearing loss with onset prior to three months of age.

Detailed Description
A characteristic of MA/MyJ is the spontaneous mutation hf (hepatic fusion), which results in varying degrees of fusion in the hepatic lobes.

This strain is a poor breeder.

Genetics

hf

Cdh23ahi

Mx1st

Ahrb-1

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype
Genotyping Protocols
Genotyping resources and troubleshooting
Dietary Information
LabDiet® 5K52 formulation (6% fat)

Mating System
Sibling x Sibling

Appearance
albino

Related Genotype: A/A Tyr⁺/Tyr⁺

Citation
When using the Marsh Albino Murray mouse strain in a publication, please include JAX stock #000677 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

FGB29 (Standard)

Live mice available in varying quantities. Ask Customer Service for details.

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx 4-8 weeks</td>
<td>Female</td>
<td>Not Applicable</td>
<td>$278.00</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>Not Applicable</td>
<td>$278.00</td>
</tr>
</tbody>
</table>
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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