C57BL/10J

Stock No: 000665

Inbred Strain

Available Now

PLACE ORDER

Sized to accommodate orders of up to 10 or more with age range. Ask Customer Service for details.

Overview

Also Known As: Black 10, Black 10 J, B10, C57BL10

The C57BL/10J substrain is similar to the C57BL/6J substrain, but allelic variants have been described at the H9, Igh2 and Lv loci.
C57BL/10J mice are a valuable immunological research tool. They have a high lymphocyte phytohaemagglutinin response, a good immune response to ovalbumin, a poor response to DNP-keyhole limpet haemocyanin and are resistant to induction of passive cutaneous anaphylaxis (IgG1- and IgE-mediated). They are susceptible to immunosuppression of contact hypersensitivity by ultraviolet light, highly susceptible to TNBS-induced colitis and moderately susceptible to experimental allergic encephalomyelitis.
Genotyping Protocols
Sanger sequencing: Cdh23<sup>Ahl+</sup>

Genotyping resources and troubleshooting
Inbred mouse strains are maintained through sibling (sister x brother) matings; no genotyping required.

Dietary Information
LabDiet® 5K52 formulation (6% fat)

Breeding Considerations
This strain is a challenging breeder.

Additional Breeding and Husbandry Support

Mating System
Sibling x Sibling

Appearance
black

Related Genotype: a/a

Citation
When using the C57BL/10J mouse strain in a publication, please include JAX stock #000665 in your Materials and Methods section.

Facility Barrier Level Descriptions
RB08 (Maximum)
## Pricing & Availability

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### Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>PRICE</th>
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<tr>
<td>4 weeks</td>
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<td>12 weeks</td>
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<td>$66.20</td>
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Terms Of Use

Terms of Use
General Terms and Conditions

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All

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