Also Known As: B6D2
Cross between C57BL/6J (B6) female x DBA/2J (D2) male. B6D2F1/J mice are heterozygous for B6 and D2 alleles at all loci in their genome. Useful as a genetic background for transgenic/knockout creation, as well as other deleterious mutations. Research applications include radiation and behavioral research, and safety and efficacy testing, bioassays of nutrients, drugs, pathogens, and
GENETIC OVERVIEW

Genetic Background

RESEARCH APPLICATIONS

BASE PRICE

Starting at:

$24.09 Domestic price for male 3-week

Volume Pricing Available!

for select shipping destinations

Click for Details

Details

Detailed Description

Cross between C57BL/6J (B6) female x DBA/2J (D2) male. B6D2F1/J mice are heterozygous for B6 and D2 alleles at all loci in their genome. Useful as a genetic background for transgenic/knockout creation, as well as other deleterious mutations. Research applications include radiation and behavioral research, and safety and efficacy testing, bioassays of nutrients, drugs, pathogens, and hormones.

Genetics

Currently there are no related genes or alleles for this strain.

Disease/Phenotype

Disease Terms
Hybrid mice are produced from breeding two different inbred strains together (F1) or the breeding of hybrids together (F2); no genotyping required.

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

**Breeding Considerations**
This strain is a good breeder.

**Additional Breeding and Husbandry Support**

**Appearance**
black
Related Genotype: a/a Tyrp1<sup>1</sup>/+ Myo5a<sup>d</sup>/+

**Citation**
When using the B6D2F1/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #100006 in your Materials and Methods section.

**Animal Health Reports**

**Facility Barrier Level Descriptions**
- AX28 (Maximum)
- RB11 (Maximum)
- RB09 (Maximum)
- EM02 (Maximum)

**Pricing & Availability**
Sized to accommodate orders of up to 100 or more. Ask Customer Service for details.

**Domestic**
Pricing effective for USA, Canada and Mexico shipping destinations

**Live Mouse**
<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>3 weeks</td>
<td>Female</td>
<td>$25.83</td>
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<tr>
<td></td>
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<td></td>
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<td>5 weeks</td>
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<tr>
<td></td>
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<table>
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<th>QUANTITY</th>
<th>VOLUME PRICING</th>
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<tbody>
<tr>
<td>100</td>
<td>5% off</td>
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**Volume Pricing Program**

Quantities: Volume pricing is automatically applied when a minimum quantity per strain for a shipment is reached
Sexes: Sexes of the same strain may be combined to reach minimum quantity levels to receive the volume pricing
Shipment: All shipping destinations qualify

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Terms of Use

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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