B6D2F1/J
Stock No: 100006

F1 or F2 Hybrid

READILY AVAILABLE

PLACE ORDER
Sized to accommodate orders of up to 100 or more. Ask Customer Service for details.

Overview

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 hormones.

**GENETIC OVERVIEW**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
</table>

**RESEARCH APPLICATIONS**

**BASE PRICE**
Starting at:

$24.09 Domestic price for male 3-week

**VIEW PRICE LIST**

**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**
Genotyping Protocols
Genotyping resources and troubleshooting
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^b/+ Myo5a^d/+ 

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.

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

Pricing & Availability
- Sized to accommodate orders of up to 100 or more. Ask Customer Service for details.
### Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>PRICE</th>
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<td>4 weeks</td>
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### Volume Pricing Details

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

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

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