

B6D2F1/JStock No: **100006** **F1 Or F2 Hybrid**

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

[PLACE ORDER](#)[Email](#) [Download PDF](#) [Help](#)**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.

[R E A D M O R E +](#)**GENETIC OVERVIEW****Genetic Background****Generation**[V I E W G E N E T I C S](#)**RESEARCH APPLICATIONS**

BASE PRICE

Starting at:

\$24.09 Domestic price for male 3-week

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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

Research Areas By Phenotype

[+ Mammalian Phenotype Terms by Genotype](#)

[+ Phenotype Information](#)

[+ References](#)

[- Technical Support](#)

C O N T A C T T E C H N I C A L S U P P O R T

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.

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.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [RB09 \(Maximum\)](#)

 [EM03 \(Maximum\)](#)

 [RB11 \(Maximum\)](#)

 [MP14 \(Maximum\)](#)

[- Pricing & Availability](#)



Readily
Available

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Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

| LIVE MOUSE | | | |
|------------|--|--------|---------|
| AGE | | SEX | PRICE |
| 3 weeks | | Female | \$25.83 |
| | | Male | \$24.09 |
| 4 weeks | | Female | \$26.72 |
| | | Male | \$24.09 |
| 5 weeks | | Female | \$27.99 |
| | | Male | \$24.88 |
| 6 weeks | | Female | \$30.34 |
| | | Male | \$27.99 |
| 7 weeks | | Female | \$33.26 |
| | | Male | \$30.47 |
| 8 weeks | | Female | \$34.89 |
| | | Male | \$32.22 |
| 9 weeks | | Female | \$36.17 |
| | | Male | \$33.69 |
| 10 weeks | | Female | \$38.52 |
| | | Male | \$38.93 |

| VOLUME PRICING DETAILS | |
|------------------------|----------------|
| QUANTITY | Volume Pricing |
| 100 | 5% off |

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

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.

THE JACKSON LABORATORY'S GENOTYPE PROMISE

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. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

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Q U E S T I O N S A B O U T T E R M S O F U S E

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

☐ Related Strains

All

By Allele

By Gene

By Collection





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TOMORROW'S CURES



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