

D2.Cg-Utrn^{tm1Ked} Dmd^{mdx}/J

Stock No: **022506** | D2 utr/mdx

 Congenic, Spontaneous Mutation, Targeted Mutation

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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hereditary neuropathies, specifically Duchenne Type Muscular Dystrophy.

Donating Investigator

Kay Davies, University of Oxford

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GENETIC OVERVIEW

Genetic Background

Generation

Dmd^{mdx}

Alele Type

Spontaneous

Gene Symbol

Dmd

Gene Name

dystrophin, muscular dystrophy

Utrn^{tm1Ked}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Utrn

Gene Name

utrophin

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

Sensorineural Research

Mouse/Human Gene Homologs

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

+ Development

+ Control Suggestions

+ Selected References

Genetics

+ *Dmd^{mdx}*

+ *Utrn^{tm1Ked}*

Disease/Phenotype

+ Disease Terms

+ Research Areas By Phenotype

[+ Mammalian Phenotype Terms by Genotype](#)

[+ 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

End Point Analysis:[DmdEnd Point](#)

Probe:[Utrn-PROBE](#)

Standard PCR:[Utrnalternate1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

Female mice that are homozygous for the $Utrn^{tm1Ked}$ allele and the Dmd^{mdx} allele, and male mice that are homozygous for the $Utrn^{tm1Ked}$ allele and hemizygous for the Dmd^{mdx} allele, exhibit clinical symptoms as early as 4 weeks of age and die by 20 weeks of age. When maintaining a live colony, female mice heterozygous for the $Utrn^{tm1Ked}$ allele and the homozygous for the Dmd^{mdx} allele can be crossed to male mice hemizygous for the Dmd^{mdx} allele.

[Additional Breeding and Husbandry Support](#)

Citation

When using the D2 utr/mdx mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #022506 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, [G200](#)

[- Pricing & Availability](#)



Cryo
Recovery

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Heterozygous or wildtype for Utrn<tm1Ked>, X linked, Heterozygous females and wildtype males for Dmd<mdx>, 1 pair minimum	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	D2.Cg-Utrn<tm1Ked> Dmd<mdx>/J	\$2595.00
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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

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All

By Allele

By Gene

By Collection



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TOMORROW'S CURES



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