

C57BL/6J-Kit^{W-39J}/J

Stock No: 000062 | dominant spotting 39 Jackson

Coisogenic, Spontaneous Mutation

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

PLACE ORDER

Email Download PDF Help

Kit^{W-v} mutation, a classic 'black-eyed-white' phenotype, and mild, normochromic, macrocytic anemia in heterozygotes.

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Kit^{W-39J}

Alele Type

Spontaneous

Gene Symbol

Kit

Gene Name

KIT proto-oncogene receptor tyrosine kinase

VIEW GENETICS

RESEARCH APPLICATIONS

Cancer Research
Dermatology Research
Developmental Biology Research
Endocrine Deficiency Research
Reproductive Biology Research
Mouse/Human Gene Homologs
Research Tools
Immunology, Inflammation and Autoimmunity Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

V I E W P R I C E L I S T

Details

Detailed Description

Mutations at the *Kit* locus affect various aspects of hematopoiesis, the proliferation and migration of primordial germ cells and melanoblasts during development. The original *Kit^W* mutation is lethal when homozygous. *Kit^{W-39J}* homozygotes are somewhat more viable and fertile than *Kit^{W-v}* mice whose homozygotes survive significantly longer than *Kit^W* homozygotes. The *Kit^{W-39J}* allele resembles *Kit^{W-v}* in blood formation, producing a mild, normochromic, macrocytic anemia in the heterozygote. Homozygous and heterozygous *Kit^{W-39J}* animals are black-eyed-white as are heterozygotes between *Kit^{W-39J}* and most other *Kit^W* mutants.

Development

Genetics

Kit^{W-39J}

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

[Genotyping resources and troubleshooting](#)

Citation

When using the dominant spotting 39 Jackson mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #000062 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 Wild-type for Kit<W-39J>	\$2,854.50

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.

Terms Of Use

TERMS OF USE

[General Terms and Conditions](#)

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





DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

[LEARN MORE](#)



CONTACT



DONATE



SUBSCRIBE

[JAX HOME](#) [CAREERS](#) [LEGAL INFORMATION](#)

[RESEARCH CENTERS](#) [MOUSE GENOME INFORMATICS](#)

[MOUSE PHENOME DATABASE](#)

Leading the search for

TOMORROW'S CURES



©2021 THE JACKSON LABORATORY

Choose other country or region

[^](#) [E](#) [E](#) [D](#) [B](#)

Did you find what you were looking for?

Yes No