

DBA/2J-*ge*/J

Stock No: 001789 | greige

 Coisogenic, Spontaneous Mutation

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

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GENETIC OVERVIEW

Genetic Background

Generation

ge

Allele Type

Gene Symbol

Gene Name

Spontaneous

ge

greige

VIEW GENETICS

RESEARCH APPLICATIONS

Dermatology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

This recessive coat color mutation arose in the DBA/2J inbred strain. Homozygotes on the DBA/2J background are easily identifiable at 6 days of age by coat color dilution, pale ears, feet and tail. Eye color is not affected. Homozygotes are not deaf. Adult homozygotes may develop coat color mosaicism and in two instances the entire coat color reverted to nearly full color. Homozygotes are viable, fertile, produce all *ge/ge* offspring, and on an agouti (C3HeB/FeJ) background are extremely difficult to identify. There may be a barely discernable lightening of agouti hair on the belly or a fleck of white on the dorsum. Homozygotes on the C57BL/6J background are slightly dilute and closely resemble sepia. Coat color may be considerably lighter than normal on the belly with variable flecking on the dorsum. Occasionally the nose appears grizzled. Matings between homozygotes on either of these two backgrounds may produce some phenotypically normal appearing progeny

Development

Control Suggestions

Genetics

ge

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 greige mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #001789 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 for ge	\$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.

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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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