The Jackson Laboratory

STOCK *Ggt1*^{dwg}/J

Stock No: **001743** | dwarf grey

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

development.

READ MORE +

GENETIC OVERVIEW

Genetic Background	Generation

Ggt1^{dwg}

Allele Type	Gene Symbol	Gene Name
Spontaneous	*Ggt1*	gamma-glutamyltransferase 1

VIEW GENETICS

RESEARCH APPLICATIONS

Dermatology Research
Developmental Biology Research
Endocrine Deficiency Research
Internal/Organ Research
Sensorineural Research

VIEW ALL RESEARCH APPLICATION

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

Detailed Description

Mice homozygous for the dwarf grey spontaneous mutation (*Ggt1*^{dwg}) are viable but do not breed. Homozygous mutant mice have grey coats, are smaller than littermates, and develop cataracts by 3-4 weeks of age. Additional characteristics include increased numbers of osteoclasts, reduced bone mass, reduced red pulp area of the spleen, and slightly reduced thyroxin levels.

Control Suggestions

Genetics

Ggt1^{dwg}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols
End Point Analysis:Ggt1
Genotyping resources and troubleshooting

Appearance
grey, small body size
Related Genotype: *A/A Gtg1^{dwg} /Gtg1^{dwg}*

agouti, normal size
Related Genotype: *A/A Gtg1^{dwg}* /+ or *A/A* +/+ or *A/A* +/?

Citation
When using the dwarf grey mouse strain in a publication, please cite the originating article(s) and include JAX stock #001743 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 **Internatic**

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Heterozygous or wildtype for dwg	$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

QUESTIONS ABOUT TERMS OF USE

LICENSING INFORMATION

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

Related Strains

All

By Allele

By Gene

By Collection

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