C57BL/6J-*sea*/J
Stock No: **000108**
Coisogenic, Spontaneous Mutation

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

PLACE ORDER

heterozygous and wildtype siblings, but do not have a detectable dilution in eye pigment at birth (Sweet and Lane, 1977). Unlike other coat color dilution mutations (including beige, reduced pigmentation, pallid, and pale ear) sepia mice do not have a diminution in NK cell activity (Orn et al., 1982).

GENETIC OVERVIEW

Genetic Background	Generation

sea

Allele Type	Gene Symbol	Gene Name
Spontaneous	*sea*	sepia

VIEW GENETICS

RESEARCH APPLICATIONS

Dermatology Research

VIEW ALL RESEARCH APPLICATIO

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

Details

Detailed Description

Mice homozygous for the sepia (*sea*) mutation have a pigment dilution that is similar to but not as severe as that of beige ($Lyst^{bg}$) mutants. On a nonagouti background *sea*/*sea* mice have lighter colored coat, ears and tail relative to their heterozygous and wildtype siblings, but do not have a detectable dilution in eye pigment at birth (Sweet and Lane, 1977). Unlike other coat color dilution mutations (including beige, reduced pigmentation, pallid, and pale ear) sepia mice do not have a diminution in NK cell activity (Orn et al., 1982).

Development

Control Suggestions

Genetics

sea

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Genotyping resources and troubleshooting

Appearance

dark gray
Related Genotype: *sea/sea a/a*

Citation

When using the C57BL/6J-*sea*/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #000108 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

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Domestic | **Internatio**

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Homozygous for a,Heterozygous for sea	$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