

## 129S8/SvEvNimrJ

Stock No: **012809** | 129S8 Inbred

 Inbred Strain

Live mice available in varying quantities. Ask Customer Service for details.

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derived from them. They also have a high incidence of spontaneous testicular teratomas.

### Donating Investigator

Elizabeth MC Fisher, UCL Institute of Neurology

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## GENETIC OVERVIEW

Genetic Background

Generation

F?+F18

(2020-11-16 00:00:00)

VIEW GENETICS

## RESEARCH APPLICATIONS

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$247.50 Domestic price for female 4-week

VIEW PRICE LIST

## Details

### Detailed Description

Historically, the 129 inbred mice are known for the high incidence of spontaneous testicular teratomas, though the incidence differs between substrains.(1-3% in 129 parental substrains; 30% in teratoma substrains.) More recently, 129 mice are widely used in the production of targeted mutations due to the availability of multiple embryonic stem cell lines derived from them. There is major genetic variation within the 129 "family", which has led to an update of the nomenclature and a division of the substrains into three major groups: parental substrains (129P), steel substrains (129S) and "teratoma" substrains (129T). Investigators using 129 substrains for targeted mutagenesis should be careful in the selection of the appropriate 129 substrain to match the embryonic stem cell line.

### Development

## Genetics

### *Disc1<sup>del</sup>*

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

## Genotyping Protocols

[Genotyping resources and troubleshooting](#)

## Dietary Information

LabDiet® 5K52 formulation (6% fat)

## Breeding Considerations

When maintaining a live colony, this strain is maintained by sibling matings.

[Additional Breeding and Husbandry Support](#)

## Mating System

Sibling x Sibling

## Citation

When using the 129S8 Inbred mouse strain in a publication, please include JAX stock #012809 in your Materials and Methods section.

## Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [AX11 \(Maximum\)](#)

## 🔵 Pricing & Availability



Live mice available in varying quantities. Ask Customer Service for details.

Available

## Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

LIVE MOUSE			
AGE	SEX	GENOTYPE	PRICE
4 weeks	Female	Not Applicable	\$247.50
	Male	Not Applicable	\$247.50
5 weeks	Female	Not Applicable	\$247.50
	Male	Not Applicable	\$247.50
6 weeks	Female	Not Applicable	\$247.50
	Male	Not Applicable	\$247.50
7 weeks	Female	Not Applicable	\$247.50
	Male	Not Applicable	\$247.50
8 weeks	Female	Not Applicable	\$247.50
	Male	Not Applicable	\$247.50
9 weeks	Female	Not Applicable	\$247.50

	SEX	Not Applicable	\$247.50
10 weeks	Female	Not Applicable	\$247.50
	Male	Not Applicable	\$247.50
11 weeks	Female	Not Applicable	\$247.50
	Male	Not Applicable	\$247.50
12 weeks	Female	Not Applicable	\$247.50
	Male	Not Applicable	\$247.50

## RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	129S8/SvEvNimrJ Frozen Embryos	\$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.

## Terms Of Use

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### LICENSING INFORMATION

Phone: 207-288-6470  
 Email: [TechTran@jax.org](mailto:TechTran@jax.org)

Related Strains

- All
- By Allele
- By Gene
- By Collection



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