

C57BL/6J-A^{w^J}/J

Stock No: 000051 | B6 agouti

 Spontaneous Mutation

Sized to accommodate orders of up to 10 or more with age range. Ask Customer Service for details.

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Also Known As: B6 agouti

Mice are agouti (hairs are black with a subapical yellow band) with a cream or white belly. Females may be used as foster mothers for ovary transplantation of mutations maintained in *a/a* strains because A^{wJ} is dominant to the nonagouti *a*.

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GENETIC OVERVIEW

Genetic Background

Generation

[Contact Technical Support](#)
(2018-07-27 00:00:00)

A^{wJ}

Alele Type

Gene Symbol

Gene Name

Spontaneous

a

nonagouti

VIEW GENETICS

RESEARCH APPLICATIONS

Dermatology Research

[VIEW ALL RESEARCH APPLICATIONS](#)

BASE PRICE

Starting at:

\$227.95 Domestic price for female 3-week

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[- Detailed Description](#)

Mice are agouti (hairs are black with a subapical yellow band) with a cream or white belly. Females may be used as foster mothers for ovary transplantation of mutations maintained in *a/a* strains because A^{wJ} is dominant to the nonagouti *a*. Since *a* to A^w is a common mutation, strains possessing this mutation in laboratory stock may not be of a common origin.

[+ Development](#)

[+ Control Suggestions](#)

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[+ \$A^{wJ}\$](#)

⊖ 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

Separated PCR:[A A A](#)

Separated PCR:[A A A Alternate2](#)

[Genotyping resources and troubleshooting](#)

Dietary Information

LabDiet® 5K52 formulation (6% fat)

Breeding Considerations

[This strain is a good breeder.](#)

[Additional Breeding and Husbandry Support](#)

Mating System

Homozygote x Homozygote

Appearance

white-bellied agouti

Related Genotype: A^{w-J}/A^{w-J}

Citation

When using the B6 agouti mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #000051 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [MP13 \(Maximum\)](#)

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LIVE MOUSE			
AGE	SEX	GENOTYPE	PRICE
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4 weeks	Female	Homozygous for A ^{w-J}	\$227.95
	Male	Homozygous for A ^{w-J}	\$227.95
5 weeks	Female	Homozygous for A ^{w-J}	\$227.95
	Male	Homozygous for A ^{w-J}	\$227.95
6 weeks	Female	Homozygous for A ^{w-J}	\$231.60
	Male	Homozygous for A ^{w-J}	\$231.60
7 weeks	Female	Homozygous for A ^{w-J}	\$235.25
	Male	Homozygous for A ^{w-J}	\$235.25
8 weeks	Female	Homozygous for A ^{w-J}	\$238.90
	Male	Homozygous for A ^{w-J}	\$238.90

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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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LICENSING INFORMATION

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

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