Also Known As: Black 6 Eicher

The Eicher (Ei) C57BL/6 subline was separated from the parental C57BL/6J in 1976 and has been maintained as a separate subline since. C57BL/6 is the most widely used inbred strain. It is commonly used as a general purpose strain and background strain for the generation of congenics carrying both spontaneous and induced mutations. C57BL/6J mice are used in a variety of research areas including cardiovascular biology, developmental biology, diabetes and obesity, genetics, immunology, neurobiology, and sensorineural research.
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This subline differs from C57BL/6J at one known locus, although there may be others that have not been identified. C57BL/6JEiJ does not have a spontaneous deletion in nicotinamide nucleotide transhydrogenase (Nnt), but does have the n-Tr20\textsuperscript{m1J} mutation.
Genotyping Protocols
Genotyping resources and troubleshooting

Dietary Information
LabDiet® 5K52 formulation (6% fat)

Mating System
Sibling x Sibling

Appearance
black

Related Genotype: a/a

Citation
When using the Black 6 Eicher mouse strain in a publication, please include JAX stock #000924 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

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

Domestic
International
Pricing effective for USA, Canada and Mexico shipping destinations

Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
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<th>PRICE</th>
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<tbody>
<tr>
<td>Approx 4-8 weeks</td>
<td>Female</td>
<td>$236.78</td>
</tr>
<tr>
<td></td>
<td>Male</td>
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</tr>
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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.
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