C57BL/6J

Stock No: 000664 | Black 6

Inbred Strain

Overview

Also Known As: B6, B6J, Black 6, C57 Black

C57BL/6J is the most widely used inbred strain and the first to have its genome sequenced. Although this strain is refractory to many tumors, it is a permissive background for maximal expression of most mutations. C57BL/6J mice are resistant to audiogenic seizures, have a relatively low bone density, and develop age related hearing loss. They are also susceptible to diet-induced obesity, type 2 diabetes, and atherosclerosis. Macrophages from this strain are resistant to the effects of anthrax lethal toxin.

Study-ready aged C57BL/6J males and females between 25 – 78 weeks of age available for order.

Genetic overview

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<th>Genetic Background</th>
<th>Generation</th>
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<td>F226pF230</td>
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