B6.D2-Car2 "I/J

Stock No: 001623 | CA II-deficient

Congenic

Overview

Also Known As: CA II-deficient

These mice carry an ENU-induced mutation characterized by renal tubular acidosis, doubled urine output, increased urine pH and Cl⁻, decreased blood pH and HCO₃⁻, phosphatemia, lower plasma bicarbonate, and a smaller body size.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>000664 C57BL/6J</td>
<td></td>
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</tbody>
</table>

| Car2 + |

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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</thead>
<tbody>
<tr>
<td>Chemically induced (ENU)</td>
<td>Car2</td>
<td>carbonic anhydrase 2</td>
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</tbody>
</table>

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