NZB/BINJ

Stock No: 000684 | NZB

Inbred Strain

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Overview

Also Known As: NZB, New Zealand Black

NZB/BINJ mice display a number of autoimmune abnormalities including hemolytic anemia, elevated levels of immunoglobulin, anti-DNA antibodies, anti-thymocyte antibodies, and circulating immune complexes causing glomerulonephritis. F1 hybrids of NZB/BINJ and NZW/LacJ (NZBWF1/J, Stock No. 100008) are widely used as a model for autoimmune disease resembling human systemic lupus erythematosus. NZB/BINJ mice, fed an atherogenic diet, fail to develop atherosclerotic aortic lesions in contrast to several highly susceptible strains of mice.

Genetic overview

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<th>Genetic Background</th>
<th>Generation</th>
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<td>F7×22</td>
<td>(05-AUG-14)&lt;</td>
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