DDC protocol

DDC - induced model in mice

Meng Xu, August 2017

Ordering information

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>CATALOG #</th>
<th>MFR</th>
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</thead>
<tbody>
<tr>
<td>DDC, 3,5-Dicarbethoxy-1,4-dihydrocollidine</td>
<td>137030</td>
<td>Sigma</td>
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<tr>
<td>maintenance chow</td>
<td>D11112201</td>
<td>Research Diets, Inc.</td>
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</tbody>
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Protocol:

1. Send DDC to Research Diets, Inc for preparing OpenStandard Diet with added compound DDC 0.1% after gamma-Irradiation.
2. Wean and keep male mice at 21-day age. Identify gene type (for instance ACR+, ACR- ) by genotyping.
3. After 3 weeks, The mice were fed with 0.1% DDC chow at 6-week age every day for 3 weeks.
4. At 9 weeks, mice were scarified for H&E, IHC and IF, etc.

Example: mouse was fed with 0.1% DDC diet. Then mice were scarified at 9 weeks.