Experiment Number: A66561
Test Type: Genetic Toxicology - Micronucleus
Route: Gavage
Species/Strain: Mouse/Tg.AC

G04: In Vivo Micronucleus Summary Data
Test Compound: Diethylstilbestrol
CAS Number: 56-53-1

NTP Study Number: A66561
Study Duration: 26 Weeks
Study Methodology: Slide Scoring
Male Study Result: Negative
Female Study Result: Negative

Date Report Requested: 09/21/2018
Time Report Requested: 00:20:46
### Experiment Number: A66561

**Test Type:** Genetic Toxicology - Micronucleus  
**Route:** Gavage  
**Species/Strain:** Mouse/Tg.AC

### G04: In Vivo Micronucleus Summary Data

**Test Compound:** Diethylstilbestrol  
**CAS Number:** 56-53-1

**Date Report Requested:** 09/21/2018  
**Time Report Requested:** 00:20:46

**Tissue:** Blood; **Sex:** Male; **Number of Treatments:** 52; **Time interval between final treatment and cell sampling:** 24 h

<table>
<thead>
<tr>
<th>Dose (ug/kg)</th>
<th>N</th>
<th>Mean ± SEM</th>
<th>p-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Control</td>
<td>12</td>
<td>1.00 ± 0.19</td>
<td>1.00 ± 0.19</td>
</tr>
<tr>
<td>30.0</td>
<td>11</td>
<td>1.32 ± 0.25</td>
<td>0.1575</td>
</tr>
<tr>
<td>240.0</td>
<td>13</td>
<td>0.73 ± 0.17</td>
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<tr>
<td>480.0</td>
<td>12</td>
<td>1.42 ± 0.27</td>
<td>0.0944</td>
</tr>
</tbody>
</table>

Trend p-Value: 0.2370

**Trial Summary:** Negative
## G04: In Vivo Micronucleus Summary Data

**Test Compound:** Diethylstilbestrol  
**CAS Number:** 56-53-1

**Experiment Number:** A66561  
**Date Report Requested:** 09/21/2018

**Test Type:** Genetic Toxicology - Micronucleus  
**Time Report Requested:** 00:20:46

**Route:** Gavage  
**Species/Strain:** Mouse/Tg.AC

### Tissue: Blood; Sex: Female; Number of Treatments: 52; Time interval between final treatment and cell sampling: 24 h

<table>
<thead>
<tr>
<th>Dose (ug/kg)</th>
<th>N</th>
<th>Mean ± SEM</th>
<th>p-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Control</td>
<td>8</td>
<td>1.19 ± 0.35</td>
<td></td>
</tr>
<tr>
<td>30.0</td>
<td>12</td>
<td>1.29 ± 0.21</td>
<td>0.3863</td>
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<tr>
<td>240.0</td>
<td>11</td>
<td>0.77 ± 0.17</td>
<td>0.9028</td>
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<tr>
<td>480.0</td>
<td>8</td>
<td>1.75 ± 0.25</td>
<td>0.0945</td>
</tr>
</tbody>
</table>

Trend p-Value  
0.1560

**Trial Summary:** Negative
LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte
CAS Number = Chemical Abstracts Service registry number
N = Number of subjects
Values given as Mean or Mean ± Standard Error Mean
Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean
Pairwise comparison to the concurrent control, dosed groups significant at p = 0.025/number of treatment groups; positive control value is significant at p = 0.05
Cochran-Armitage trend test, significant at p = 0.025
* Statistically significant pairwise or trend test
1: Vehicle Control: Corn Oil

** END OF REPORT **