

**Experiment Number:** 89029-09  
**Test Type:** SPECIAL STUDY  
**Species/Strain:** Rat/F 344/N

**E04: MEAN BODY WEIGHTS AND SURVIVAL TABLE**

**Test Compound:** Magnetic fields (EMF)

**CAS Number:** MAGNETIC

**Date Report Requested:** 10/23/2014

**Time Report Requested:** 16:16:41

**First Dose M/F:** NA / NA

**Lab:** IIT

**C Number:** C89029  
**Lock Date:** 05/10/1996  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** NONE

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**MALE**

| DAY      | SHAM CONTROL |    | 0.02 GAUSS |           |    | 2 GAUSS |           |    | 10 GAUSS INTER. |           |    |
|----------|--------------|----|------------|-----------|----|---------|-----------|----|-----------------|-----------|----|
|          | WT(g)        | N  | WT(g)      | % OF CNTL | N  | WT(g)   | % OF CNTL | N  | WT(g)           | % OF CNTL | N  |
| 1        | 82.3         | 10 | 83.1       | 99.5      | 10 | 83.4    | 99.8      | 10 | 82.7            | 99.0      | 10 |
| 8        | 110.7        | 10 | 114.3      | 101.4     | 10 | 113.5   | 100.7     | 10 | 111.3           | 98.7      | 10 |
| 15       | 142.9        | 10 | 147.7      | 101.1     | 10 | 143.7   | 98.4      | 10 | 142.3           | 97.4      | 10 |
| 22       | 173.9        | 10 | 180.5      | 101.6     | 10 | 177.2   | 99.7      | 10 | 176.1           | 99.1      | 10 |
| 29       | 200.3        | 10 | 205.8      | 100.6     | 10 | 204.8   | 100.2     | 10 | 202.8           | 99.2      | 10 |
| 36       | 223.7        | 10 | 226.7      | 100.1     | 10 | 229.8   | 101.5     | 10 | 225.5           | 99.6      | 10 |
| 43       | 242.3        | 10 | 244.0      | 99.6      | 10 | 248.1   | 101.3     | 10 | 244.4           | 99.8      | 10 |
| 50       | 257.4        | 10 | 259.2      | 99.6      | 10 | 263.7   | 101.4     | 10 | 259.3           | 99.7      | 10 |
| 57       | 271.9        | 10 | 274.5      | 100.0     | 10 | 278.3   | 101.4     | 10 | 272.6           | 99.3      | 10 |
| 64       | 284.0        | 10 | 286.0      | 99.5      | 10 | 290.5   | 101.1     | 10 | 283.1           | 98.5      | 10 |
| 71       | 297.3        | 10 | 299.2      | 100.1     | 10 | 303.4   | 101.5     | 10 | 294.8           | 98.7      | 10 |
| 78       | 307.0        | 10 | 308.7      | 99.7      | 10 | 313.9   | 101.4     | 10 | 305.1           | 98.5      | 10 |
| 85       | 317.0        | 10 | 317.7      | 99.3      | 10 | 325.3   | 101.7     | 10 | 318.2           | 99.5      | 10 |
| TERM SAC | 323.4        | 10 | 324.3      | 99.6      | 10 | 332.2   | 102.0     | 10 | 326.1           | 100.2     | 10 |

(I) INTERIM SACRIFICE OCCURRED BETWEEN THIS DAY AND THE PREVIOUS SCHEDULED WEIGHT DAY

(\*) THE NUMBER OF ANIMALS WEIGHED ON THIS DAY IS LESS THAN THE NUMBER OF ANIMALS SURVIVING.

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**MALE**

| DAY         | 10 GAUSS |           |    | POSITIVE CONTROL |    |
|-------------|----------|-----------|----|------------------|----|
|             | WT(g)    | % OF CNTL | N  | WT(g)            | N  |
| 1           | 83.7     | 100.3     | 10 | 84.8             | 10 |
| 8           | 114.3    | 101.4     | 10 | 114.8            | 10 |
| 15          | 146.1    | 100.0     | 10 | 149.3            | 10 |
| 22          | 180.2    | 101.4     | 10 | 181.5            | 10 |
| 29          | 207.2    | 101.3     | 10 | 208.6            | 10 |
| 36          | 227.0    | 100.3     | 10 | 229.1            | 10 |
| 43          | 243.9    | 99.6      | 10 | 247.5            | 10 |
| 50          | 259.2    | 99.6      | 10 | 263.0            | 10 |
| 57          | 275.3    | 100.3     | 10 | 276.9            | 10 |
| 64          | 287.4    | 100.0     | 10 | 290.7            | 10 |
| 71          | 298.4    | 99.9      | 10 | 300.3            | 10 |
| 78          | 304.3    | 98.3      | 10 | 312.3            | 10 |
| 85          | 312.6    | 97.7      | 10 | 322.7            | 10 |
| TERM<br>SAC | 319.3    | 98.1      | 10 | 327.7            | 10 |

\*\*\*END OF MALE DATA\*\*\*

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**FEMALE**

| DAY      | SHAM CONTROL |    | 0.02 GAUSS |           |    | 2 GAUSS |           |    | 10 GAUSS INTER. |           |    |
|----------|--------------|----|------------|-----------|----|---------|-----------|----|-----------------|-----------|----|
|          | WT(g)        | N  | WT(g)      | % OF CNTL | N  | WT(g)   | % OF CNTL | N  | WT(g)           | % OF CNTL | N  |
| 1        | 80.3         | 10 | 78.4       | 97.4      | 10 | 79.1    | 98.3      | 10 | 79.8            | 99.1      | 10 |
| 8        | 99.3         | 10 | 97.9       | 98.0      | 10 | 98.6    | 98.8      | 10 | 98.4            | 98.5      | 10 |
| 15       | 116.8        | 10 | 112.4      | 95.4      | 10 | 116.4   | 98.9      | 10 | 113.5           | 96.4      | 10 |
| 22       | 131.1        | 10 | 129.0      | 97.7      | 10 | 131.1   | 99.3      | 10 | 128.2           | 97.1      | 10 |
| 29       | 143.0        | 10 | 138.8      | 96.9      | 10 | 144.9   | 101.2     | 10 | 139.8           | 97.6      | 10 |
| 36       | 152.8        | 10 | 148.1      | 96.6      | 10 | 155.0   | 101.1     | 10 | 148.4           | 96.8      | 10 |
| 43       | 160.1        | 10 | 156.7      | 96.5      | 10 | 162.3   | 100.0     | 10 | 157.6           | 97.1      | 10 |
| 50       | 169.2        | 10 | 162.3      | 95.1      | 10 | 169.4   | 99.3      | 10 | 165.0           | 96.7      | 10 |
| 57       | 176.9        | 10 | 170.0      | 95.4      | 10 | 179.5   | 100.7     | 10 | 172.6           | 96.9      | 10 |
| 64       | 180.4        | 10 | 173.6      | 95.6      | 10 | 184.5   | 101.6     | 10 | 176.9           | 97.4      | 10 |
| 71       | 186.4        | 10 | 178.7      | 95.5      | 10 | 191.9   | 102.6     | 10 | 182.3           | 97.5      | 10 |
| 78       | 188.7        | 10 | 183.4      | 96.2      | 10 | 198.1   | 103.9     | 10 | 187.7           | 98.5      | 10 |
| 85       | 191.8        | 10 | 186.6      | 95.8      | 10 | 200.1   | 102.7     | 10 | 190.1           | 97.6      | 10 |
| TERM SAC | 195.4        | 10 | 189.4      | 96.9      | 10 | 207.5   | 106.2     | 10 | 195.5           | 100.1     | 10 |

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**FEMALE**

| DAY         | 10 GAUSS |           |    | POSITIVE CONTROL |    |
|-------------|----------|-----------|----|------------------|----|
|             | WT(g)    | % OF CNTL | N  | WT(g)            | N  |
| 1           | 79.9     | 99.3      | 10 | 80.6             | 10 |
| 8           | 99.0     | 99.1      | 10 | 100.4            | 10 |
| 15          | 116.0    | 98.5      | 10 | 118.7            | 10 |
| 22          | 133.6    | 101.2     | 10 | 132.9            | 10 |
| 29          | 144.4    | 100.8     | 10 | 143.5            | 10 |
| 36          | 154.0    | 100.4     | 10 | 153.9            | 10 |
| 43          | 162.4    | 100.1     | 10 | 164.5            | 10 |
| 50          | 170.4    | 99.9      | 10 | 172.0            | 10 |
| 57          | 179.7    | 100.8     | 10 | 179.5            | 10 |
| 64          | 183.3    | 100.9     | 10 | 182.9            | 10 |
| 71          | 189.2    | 101.1     | 10 | 187.7            | 10 |
| 78          | 194.5    | 102.1     | 10 | 192.5            | 10 |
| 85          | 198.3    | 101.8     | 10 | 197.8            | 10 |
| TERM<br>SAC | 201.7    | 103.2     | 10 |                  |    |

**\*\* END OF REPORT \*\***

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