

**Experiment Number:** 05117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:07:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**C Number:** C61994C  
**Lock Date:** Not Entered.  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Both  
**PWG Approval Date:** 04/27/1994

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

| SENCAR Mouse MALE                | VEHICLE CONTROL | DMBA0.25/ACETONE<br>E | DMBA 2.5/ACETONE | DMBA 25/ACETONE | DMBA2.5/COMPLET<br>E | BPO 20/ COMPLETE |
|----------------------------------|-----------------|-----------------------|------------------|-----------------|----------------------|------------------|
| <b>Disposition Summary</b>       |                 |                       |                  |                 |                      |                  |
| Animals Initially In Study       | 30              | 30                    | 29               | 31              | 30                   | 30               |
| Early Deaths                     |                 |                       |                  |                 |                      |                  |
| Moribund Sacrifice               | 1               | 1                     | 1                |                 | 15                   | 5                |
| Natural Death                    | 1               | 2                     | 1                | 1               | 4                    | 2                |
| Survivors                        |                 |                       |                  |                 |                      |                  |
| Terminal Sacrifice               | 28              | 27                    | 27               | 30              | 11                   | 23               |
| Animals Examined Microscopically | 30              | 30                    | 29               | 31              | 30                   | 30               |
| ALIMENTARY SYSTEM                |                 |                       |                  |                 |                      |                  |
| None                             |                 |                       |                  |                 |                      |                  |
| CARDIOVASCULAR SYSTEM            |                 |                       |                  |                 |                      |                  |
| None                             |                 |                       |                  |                 |                      |                  |
| ENDOCRINE SYSTEM                 |                 |                       |                  |                 |                      |                  |
| None                             |                 |                       |                  |                 |                      |                  |
| GENERAL BODY SYSTEM              |                 |                       |                  |                 |                      |                  |
| None                             |                 |                       |                  |                 |                      |                  |
| GENITAL SYSTEM                   |                 |                       |                  |                 |                      |                  |
| None                             |                 |                       |                  |                 |                      |                  |
| HEMATOPOIETIC SYSTEM             |                 |                       |                  |                 |                      |                  |
| None                             |                 |                       |                  |                 |                      |                  |
| INTEGUMENTARY SYSTEM             |                 |                       |                  |                 |                      |                  |
| Skin                             | (28)            | (25)                  | (28)             | (30)            | (6)                  | (3)              |
| Squamous Cell Papilloma          |                 |                       | 1 (4%)           |                 | 2 (33%)              |                  |
| Skin, Control                    | (1)             | (0)                   | (2)              | (0)             | (9)                  | (20)             |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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**Lab:** BAT

| SENCAR Mouse MALE                 | VEHICLE CONTROL | DMBA0.25/ACETONE<br>E | DMBA 2.5/ACETONE | DMBA 25/ACETONE | DMBA2.5/COMPLET<br>E | BPO 20/ COMPLETE |
|-----------------------------------|-----------------|-----------------------|------------------|-----------------|----------------------|------------------|
| Skin, SOA-Mass                    | (0)             | (0)                   | (0)              | (0)             | (27)                 | (0)              |
| Keratoacanthoma                   |                 |                       |                  |                 | 3 (11%)              |                  |
| Keratoacanthoma, Multiple         |                 |                       |                  |                 |                      |                  |
| Squamous Cell Carcinoma           |                 |                       |                  |                 | 14 (52%)             |                  |
| Squamous Cell Carcinoma, Multiple |                 |                       |                  |                 | 13 (48%)             |                  |
| Squamous Cell Papilloma           |                 |                       |                  |                 | 5 (19%)              |                  |
| Squamous Cell Papilloma, Multiple |                 |                       |                  |                 | 1 (4%)               |                  |
| Subcut Tiss, Fibrosarcoma         |                 |                       |                  |                 |                      |                  |
| Skin, SOA-No Mass                 | (1)             | (5)                   | (1)              | (1)             | (23)                 | (30)             |
| <b>MUSCULOSKELETAL SYSTEM</b>     |                 |                       |                  |                 |                      |                  |
| None                              |                 |                       |                  |                 |                      |                  |
| <b>NERVOUS SYSTEM</b>             |                 |                       |                  |                 |                      |                  |
| None                              |                 |                       |                  |                 |                      |                  |
| <b>RESPIRATORY SYSTEM</b>         |                 |                       |                  |                 |                      |                  |
| None                              |                 |                       |                  |                 |                      |                  |
| <b>SPECIAL SENSES SYSTEM</b>      |                 |                       |                  |                 |                      |                  |
| None                              |                 |                       |                  |                 |                      |                  |
| <b>URINARY SYSTEM</b>             |                 |                       |                  |                 |                      |                  |
| None                              |                 |                       |                  |                 |                      |                  |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

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

| SENCAR Mouse MALE                       | DMBA0.25/ TPA 5 | DMBA 2.5/ TPA 5 | DMBA 25/ TPA 5 | DMBA 2.5/ BPO 20 | DMBA 25/ BPO 20 |
|---|-----------------|-----------------|----------------|------------------|-----------------|
| <b>Disposition Summary</b>              |                 |                 |                |                  |                 |
| <b>Animals Initially In Study</b>       | <b>30</b>       | <b>30</b>       | <b>30</b>      | <b>30</b>        | <b>30</b>       |
| <b>Early Deaths</b>                     |                 |                 |                |                  |                 |
| <b>Moribund Sacrifice</b>               |                 |                 |                | <b>6</b>         | <b>12</b>       |
| <b>Natural Death</b>                    |                 |                 |                | <b>1</b>         | <b>1</b>        |
| <b>Survivors</b>                        |                 |                 |                |                  |                 |
| <b>Terminal Sacrifice</b>               |                 |                 |                | <b>23</b>        | <b>17</b>       |
| <b>Animals Examined Microscopically</b> |                 |                 |                | <b>30</b>        | <b>30</b>       |
| ALIMENTARY SYSTEM                       |                 |                 |                |                  |                 |
| None                                    |                 |                 |                |                  |                 |
| CARDIOVASCULAR SYSTEM                   |                 |                 |                |                  |                 |
| None                                    |                 |                 |                |                  |                 |
| ENDOCRINE SYSTEM                        |                 |                 |                |                  |                 |
| None                                    |                 |                 |                |                  |                 |
| GENERAL BODY SYSTEM                     |                 |                 |                |                  |                 |
| None                                    |                 |                 |                |                  |                 |
| GENITAL SYSTEM                          |                 |                 |                |                  |                 |
| None                                    |                 |                 |                |                  |                 |
| HEMATOPOIETIC SYSTEM                    |                 |                 |                |                  |                 |
| None                                    |                 |                 |                |                  |                 |
| INTEGUMENTARY SYSTEM                    |                 |                 |                |                  |                 |
| Skin                                    | (0)             | (0)             | (0)            | (2)              | (8)             |
| Squamous Cell Papilloma                 |                 |                 |                |                  | 1 (13%)         |
| Skin, Control                           | (0)             | (0)             | (0)            | (17)             | (20)            |
| Skin, SOA-Mass                          | (0)             | (0)             | (0)            | (19)             | (19)            |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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**Lab:** BAT

| SENCAR Mouse MALE                 | DMBA0.25/ TPA 5 | DMBA 2.5/ TPA 5 | DMBA 25/ TPA 5 | DMBA 2.5/ BPO 20 | DMBA 25/ BPO 20 |
|-----------------------------------|-----------------|-----------------|----------------|------------------|-----------------|
| Keratoacanthoma                   |                 |                 |                | 1 (5%)           | 3 (16%)         |
| Keratoacanthoma, Multiple         |                 |                 |                | 1 (5%)           |                 |
| Squamous Cell Carcinoma           |                 |                 |                | 8 (42%)          | 8 (42%)         |
| Squamous Cell Carcinoma, Multiple |                 |                 |                | 3 (16%)          | 5 (26%)         |
| Squamous Cell Papilloma           |                 |                 |                | 2 (11%)          | 6 (32%)         |
| Squamous Cell Papilloma, Multiple |                 |                 |                | 10 (53%)         | 5 (26%)         |
| Subcut Tiss, Fibrosarcoma         |                 |                 |                |                  | 1 (5%)          |
| Skin, SOA-No Mass                 | (0)             | (0)             | (0)            | (30)             | (28)            |
| <b>MUSCULOSKELETAL SYSTEM</b>     |                 |                 |                |                  |                 |
| None                              |                 |                 |                |                  |                 |
| <b>NERVOUS SYSTEM</b>             |                 |                 |                |                  |                 |
| None                              |                 |                 |                |                  |                 |
| <b>RESPIRATORY SYSTEM</b>         |                 |                 |                |                  |                 |
| None                              |                 |                 |                |                  |                 |
| <b>SPECIAL SENSES SYSTEM</b>      |                 |                 |                |                  |                 |
| None                              |                 |                 |                |                  |                 |
| <b>URINARY SYSTEM</b>             |                 |                 |                |                  |                 |
| None                              |                 |                 |                |                  |                 |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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| SENCAR Mouse MALE  | VEHICLE CONTROL | DMBA0.25/ACETONE<br>E | DMBA 2.5/ACETONE | DMBA 25/ACETONE | DMBA2.5/COMPLET<br>E | BPO 20/ COMPLETE |
|--|-----------------|-----------------------|------------------|-----------------|----------------------|------------------|
| <b>Tumor Summary for MALE</b>  |                 |                       |                  |                 |                      |                  |
| <b>Total Animals with Primary Neoplasms (b)</b>                          |                 |                       |                  | 1               |                      | 28               |
| <b>Total Primary Neoplasms</b>   |                 |                       |                  | 1               |                      | 38               |
| <b>Total Animals with Benign Neoplasms</b>                               |                 |                       |                  | 1               |                      | 9                |
| <b>Total Benign Neoplasms</b>  |                 |                       |                  | 1               |                      | 11               |
| <b>Total Animals with Malignant Neoplasms</b>                            |                 |                       |                  |                 |                      | 27               |
| <b>Total Malignant Neoplasms</b>   |                 |                       |                  |                 |                      | 27               |
| <b>Total Animals with Metastatic Neoplasms</b>                           |                 |                       |                  |                 |                      |                  |
| <b>Total Metastatic Neoplasms</b>  |                 |                       |                  |                 |                      |                  |
| <b>Total Animals with Malignant Neoplasms<br/>Uncertain Primary Site</b> |                 |                       |                  |                 |                      |                  |
| <b>Total Animals with Neoplasms Uncertain -<br/>Benign or Malignant</b>  |                 |                       |                  |                 |                      |                  |
| <b>Total Uncertain Neoplasms</b>   |                 |                       |                  |                 |                      |                  |

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\* Number of animals with any tissue examined microscopically

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**Lab:** BAT

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| <b>SENCAR Mouse MALE</b>   | <b>DMBA0.25/ TPA 5</b> | <b>DMBA 2.5/ TPA 5</b> | <b>DMBA 25/ TPA 5</b> | <b>DMBA 2.5/ BPO 20</b> | <b>DMBA 25/ BPO 20</b> |
|--|------------------------|------------------------|-----------------------|-------------------------|------------------------|
| <b>Tumor Summary for MALE</b>  |                        |                        |                       |                         |                        |
| <b>Total Animals with Primary Neoplasms (b)</b>                          |                        |                        |                       | <b>19</b>               | <b>18</b>              |
| <b>Total Primary Neoplasms</b>   |                        |                        |                       | <b>25</b>               | <b>29</b>              |
| <b>Total Animals with Benign Neoplasms</b>                               |                        |                        |                       | <b>13</b>               | <b>12</b>              |
| <b>Total Benign Neoplasms</b>  |                        |                        |                       | <b>14</b>               | <b>15</b>              |
| <b>Total Animals with Malignant Neoplasms</b>                            |                        |                        |                       | <b>11</b>               | <b>14</b>              |
| <b>Total Malignant Neoplasms</b>   |                        |                        |                       | <b>11</b>               | <b>14</b>              |
| <b>Total Animals with Metastatic Neoplasms</b>                           |                        |                        |                       |                         |                        |
| <b>Total Metastatic Neoplasms</b>  |                        |                        |                       |                         |                        |
| <b>Total Animals with Malignant Neoplasms<br/>Uncertain Primary Site</b> |                        |                        |                       |                         |                        |
| <b>Total Animals with Neoplasms Uncertain -<br/>Benign or Malignant</b>  |                        |                        |                       |                         |                        |
| <b>Total Uncertain Neoplasms</b>   |                        |                        |                       |                         |                        |

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

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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

| SENCAR Mouse FEMALE              | VEHICLE CONTROL | DMBA0.25/ACETONE<br>E | DMBA 2.5/ACETONE | DMBA 25/ACETONE | DMBA2.5/COMPLET<br>E | TPA 5/ COMPLETE |
|----------------------------------|-----------------|-----------------------|------------------|-----------------|----------------------|-----------------|
| <b>Disposition Summary</b>       |                 |                       |                  |                 |                      |                 |
| Animals Initially In Study       | 30              | 30                    | 31               | 29              | 30                   | 30              |
| Early Deaths                     |                 |                       |                  |                 |                      |                 |
| Moribund Sacrifice               | 2               | 1                     | 1                | 1               | 19                   |                 |
| Natural Death                    | 1               |                       |                  |                 | 1                    |                 |
| Survivors                        |                 |                       |                  |                 |                      |                 |
| Terminal Sacrifice               | 27              | 29                    | 30               | 28              | 10                   |                 |
| Animals Examined Microscopically | 30              | 30                    | 31               | 29              | 30                   |                 |
| ALIMENTARY SYSTEM                |                 |                       |                  |                 |                      |                 |
| None                             |                 |                       |                  |                 |                      |                 |
| CARDIOVASCULAR SYSTEM            |                 |                       |                  |                 |                      |                 |
| None                             |                 |                       |                  |                 |                      |                 |
| ENDOCRINE SYSTEM                 |                 |                       |                  |                 |                      |                 |
| None                             |                 |                       |                  |                 |                      |                 |
| GENERAL BODY SYSTEM              |                 |                       |                  |                 |                      |                 |
| None                             |                 |                       |                  |                 |                      |                 |
| GENITAL SYSTEM                   |                 |                       |                  |                 |                      |                 |
| None                             |                 |                       |                  |                 |                      |                 |
| HEMATOPOIETIC SYSTEM             |                 |                       |                  |                 |                      |                 |
| None                             |                 |                       |                  |                 |                      |                 |
| INTEGUMENTARY SYSTEM             |                 |                       |                  |                 |                      |                 |
| Mammary Gland                    | (1)             | (0)                   | (0)              | (0)             | (0)                  | (0)             |
| Adenocarcinoma                   | 1 (100%)        |                       |                  |                 |                      |                 |
| Skin                             | (27)            | (27)                  | (25)             | (26)            | (3)                  | (0)             |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

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**Lab:** BAT

| SENCAR Mouse FEMALE               | VEHICLE CONTROL | DMBA0.25/ACETONE<br>E | DMBA 2.5/ACETONE | DMBA 25/ACETONE | DMBA2.5/COMPLETE<br>E | TPA 5/ COMPLETE |
|-----------------------------------|-----------------|-----------------------|------------------|-----------------|-----------------------|-----------------|
| Squamous Cell Carcinoma           |                 |                       |                  |                 |                       |                 |
| Squamous Cell Papilloma           |                 |                       |                  | 1 (4%)          |                       |                 |
| Skin, Control                     | (0)             | (2)                   | (2)              | (0)             | (8)                   | (0)             |
| Skin, SOA-Mass                    | (0)             | (0)                   | (0)              | (0)             | (29)                  | (0)             |
| Basal Cell Carcinoma              |                 |                       |                  |                 | 1 (3%)                |                 |
| Keratoacanthoma                   |                 |                       |                  |                 | 1 (3%)                |                 |
| Keratoacanthoma, Multiple         |                 |                       |                  |                 | 1 (3%)                |                 |
| Sebaceous GI, Adenoma             |                 |                       |                  |                 |                       |                 |
| Squamous Cell Carcinoma           |                 |                       |                  |                 | 17 (59%)              |                 |
| Squamous Cell Carcinoma, Multiple |                 |                       |                  |                 | 12 (41%)              |                 |
| Squamous Cell Papilloma           |                 |                       |                  |                 | 3 (10%)               |                 |
| Squamous Cell Papilloma, Multiple |                 |                       |                  |                 | 6 (21%)               |                 |
| Subcut Tiss, Fibrosarcoma         |                 |                       |                  |                 | 1 (3%)                |                 |
| Skin, SOA-No Mass                 | (2)             | (2)                   | (5)              | (4)             | (24)                  | (0)             |
| <b>MUSCULOSKELETAL SYSTEM</b>     |                 |                       |                  |                 |                       |                 |
| None                              |                 |                       |                  |                 |                       |                 |
| <b>NERVOUS SYSTEM</b>             |                 |                       |                  |                 |                       |                 |
| None                              |                 |                       |                  |                 |                       |                 |
| <b>RESPIRATORY SYSTEM</b>         |                 |                       |                  |                 |                       |                 |
| None                              |                 |                       |                  |                 |                       |                 |
| <b>SPECIAL SENSES SYSTEM</b>      |                 |                       |                  |                 |                       |                 |
| None                              |                 |                       |                  |                 |                       |                 |
| <b>URINARY SYSTEM</b>             |                 |                       |                  |                 |                       |                 |
| None                              |                 |                       |                  |                 |                       |                 |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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**Lab:** BAT

| SENCAR Mouse FEMALE                     | BPO 20/ COMPLETE | DMBA0.25/ TPA 5 | DMBA 2.5/ TPA 5 | DMBA 25/ TPA 5 | DMBA 2.5/ BPO 20 | DMBA 25/ BPO 20 |
|---|------------------|-----------------|-----------------|----------------|------------------|-----------------|
| <b>Disposition Summary</b>              |                  |                 |                 |                |                  |                 |
| <b>Animals Initially In Study</b>       | <b>30</b>        | <b>30</b>       | <b>30</b>       | <b>30</b>      | <b>30</b>        | <b>30</b>       |
| <b>Early Deaths</b>                     |                  |                 |                 |                |                  |                 |
| <b>Moribund Sacrifice</b>               | <b>2</b>         |                 |                 |                | <b>8</b>         | <b>6</b>        |
| <b>Natural Death</b>                    |                  |                 |                 |                | <b>1</b>         | <b>1</b>        |
| <b>Survivors</b>                        |                  |                 |                 |                |                  |                 |
| <b>Terminal Sacrifice</b>               | <b>28</b>        |                 |                 |                | <b>21</b>        | <b>23</b>       |
| <b>Animals Examined Microscopically</b> | <b>30</b>        |                 |                 |                | <b>30</b>        | <b>30</b>       |
| <b>ALIMENTARY SYSTEM</b>                |                  |                 |                 |                |                  |                 |
| None                                    |                  |                 |                 |                |                  |                 |
| <b>CARDIOVASCULAR SYSTEM</b>            |                  |                 |                 |                |                  |                 |
| None                                    |                  |                 |                 |                |                  |                 |
| <b>ENDOCRINE SYSTEM</b>                 |                  |                 |                 |                |                  |                 |
| None                                    |                  |                 |                 |                |                  |                 |
| <b>GENERAL BODY SYSTEM</b>              |                  |                 |                 |                |                  |                 |
| None                                    |                  |                 |                 |                |                  |                 |
| <b>GENITAL SYSTEM</b>                   |                  |                 |                 |                |                  |                 |
| None                                    |                  |                 |                 |                |                  |                 |
| <b>HEMATOPOIETIC SYSTEM</b>             |                  |                 |                 |                |                  |                 |
| None                                    |                  |                 |                 |                |                  |                 |
| <b>INTEGUMENTARY SYSTEM</b>             |                  |                 |                 |                |                  |                 |
| Mammary Gland                           | (1)              | (0)             | (0)             | (0)            | (0)              | (0)             |
| Adenocarcinoma                          | 1 (100%)         |                 |                 |                |                  |                 |
| Skin                                    | (1)              | (0)             | (0)             | (0)            | (2)              | (6)             |
| Squamous Cell Carcinoma                 |                  |                 |                 |                |                  | 1 (17%)         |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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

| SENCAR Mouse FEMALE               | BPO 20/ COMPLETE | DMBA0.25/ TPA 5 | DMBA 2.5/ TPA 5 | DMBA 25/ TPA 5 | DMBA 2.5/ BPO 20 | DMBA 25/ BPO 20 |
|-----------------------------------|------------------|-----------------|-----------------|----------------|------------------|-----------------|
| Squamous Cell Papilloma           |                  |                 |                 |                |                  |                 |
| Skin, Control                     | (21)             | (0)             | (0)             | (0)            | (27)             | (22)            |
| Skin, SOA-Mass                    | (0)              | (0)             | (0)             | (0)            | (22)             | (20)            |
| Basal Cell Carcinoma              |                  |                 |                 |                |                  |                 |
| Keratoacanthoma                   |                  |                 |                 |                | 4 (18%)          | 4 (20%)         |
| Keratoacanthoma, Multiple         |                  |                 |                 |                | 1 (5%)           | 1 (5%)          |
| Sebaceous GI, Adenoma             |                  |                 |                 |                |                  | 1 (5%)          |
| Squamous Cell Carcinoma           |                  |                 |                 |                | 11 (50%)         | 9 (45%)         |
| Squamous Cell Carcinoma, Multiple |                  |                 |                 |                | 3 (14%)          | 2 (10%)         |
| Squamous Cell Papilloma           |                  |                 |                 |                | 6 (27%)          | 8 (40%)         |
| Squamous Cell Papilloma, Multiple |                  |                 |                 |                | 5 (23%)          | 8 (40%)         |
| Subcut Tiss, Fibrosarcoma         |                  |                 |                 |                |                  |                 |
| Skin, SOA-No Mass                 | (29)             | (0)             | (0)             | (0)            | (30)             | (28)            |
| <b>MUSCULOSKELETAL SYSTEM</b>     |                  |                 |                 |                |                  |                 |
| None                              |                  |                 |                 |                |                  |                 |
| <b>NERVOUS SYSTEM</b>             |                  |                 |                 |                |                  |                 |
| None                              |                  |                 |                 |                |                  |                 |
| <b>RESPIRATORY SYSTEM</b>         |                  |                 |                 |                |                  |                 |
| None                              |                  |                 |                 |                |                  |                 |
| <b>SPECIAL SENSES SYSTEM</b>      |                  |                 |                 |                |                  |                 |
| None                              |                  |                 |                 |                |                  |                 |
| <b>URINARY SYSTEM</b>             |                  |                 |                 |                |                  |                 |
| None                              |                  |                 |                 |                |                  |                 |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

**Experiment Number:** 05117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:07:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

| SENCAR Mouse FEMALE  | VEHICLE CONTROL | DMBA0.25/ACETONE<br>E | DMBA 2.5/ACETONE | DMBA 25/ACETONE | DMBA2.5/COMPLETE<br>E | TPA 5/ COMPLETE |
|--|-----------------|-----------------------|------------------|-----------------|-----------------------|-----------------|
| <b>Tumor Summary for FEMALE</b>  |                 |                       |                  |                 |                       |                 |
| <b>Total Animals with Primary Neoplasms (b)</b>                          | 1               |                       |                  | 1               |                       | 29              |
| <b>Total Primary Neoplasms</b>   | 1               |                       |                  | 1               |                       | 42              |
| <b>Total Animals with Benign Neoplasms</b>                               |                 |                       |                  | 1               |                       | 9               |
| <b>Total Benign Neoplasms</b>  |                 |                       |                  | 1               |                       | 11              |
| <b>Total Animals with Malignant Neoplasms</b>                            | 1               |                       |                  |                 |                       | 29              |
| <b>Total Malignant Neoplasms</b>   | 1               |                       |                  |                 |                       | 31              |
| <b>Total Animals with Metastatic Neoplasms</b>                           |                 |                       |                  |                 |                       |                 |
| <b>Total Metastatic Neoplasms</b>  |                 |                       |                  |                 |                       |                 |
| <b>Total Animals with Malignant Neoplasms<br/>Uncertain Primary Site</b> |                 |                       |                  |                 |                       |                 |
| <b>Total Animals with Neoplasms Uncertain -<br/>Benign or Malignant</b>  |                 |                       |                  |                 |                       |                 |
| <b>Total Uncertain Neoplasms</b>   |                 |                       |                  |                 |                       |                 |

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

**Experiment Number:** 05117-03  
**Test Type:** INIT/PROMOT  
**Route:** SKIN APPLICATION  
**Species/Strain:** Mouse/SENCAR

**P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)**  
**Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)  
**CAS Number:** INIT/PROM

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 07:07:35  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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| SENCAR Mouse FEMALE  | BPO 20/ COMPLETE | DMBA0.25/ TPA 5 | DMBA 2.5/ TPA 5 | DMBA 25/ TPA 5 | DMBA 2.5/ BPO 20 | DMBA 25/ BPO 20 |
|--|------------------|-----------------|-----------------|----------------|------------------|-----------------|
| <b>Tumor Summary for FEMALE</b>  |                  |                 |                 |                |                  |                 |
| <b>Total Animals with Primary Neoplasms (b)</b>                          | <b>1</b>         |                 |                 |                | <b>22</b>        | <b>20</b>       |
| <b>Total Primary Neoplasms</b>   | <b>1</b>         |                 |                 |                | <b>30</b>        | <b>34</b>       |
| <b>Total Animals with Benign Neoplasms</b>                               |                  |                 |                 |                | <b>14</b>        | <b>18</b>       |
| <b>Total Benign Neoplasms</b>  |                  |                 |                 |                | <b>16</b>        | <b>22</b>       |
| <b>Total Animals with Malignant Neoplasms</b>                            | <b>1</b>         |                 |                 |                | <b>14</b>        | <b>11</b>       |
| <b>Total Malignant Neoplasms</b>   | <b>1</b>         |                 |                 |                | <b>14</b>        | <b>12</b>       |
| <b>Total Animals with Metastatic Neoplasms</b>                           |                  |                 |                 |                |                  |                 |
| <b>Total Metastatic Neoplasms</b>  |                  |                 |                 |                |                  |                 |
| <b>Total Animals with Malignant Neoplasms<br/>Uncertain Primary Site</b> |                  |                 |                 |                |                  |                 |
| <b>Total Animals with Neoplasms Uncertain -<br/>Benign or Malignant</b>  |                  |                 |                 |                |                  |                 |
| <b>Total Uncertain Neoplasms</b>   |                  |                 |                 |                |                  |                 |

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

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically