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| Substance Code     | Concentrations Tested(final)<br>( $\mu\text{g/mL}$ ) | Cell Viability Results |
|--------------------|--|------------------------|
| AntRF 8<br>(H0076) | $1.00 \times 10^{-1}$                                | 2                      |
|                    | $1.00 \times 10^0$                                   | 1                      |
|                    | $1.00 \times 10^{-1}$                                | 1                      |
|                    | $1.00 \times 10^{-2}$                                | 1                      |
|                    | $1.00 \times 10^{-3}$                                | 1                      |
|                    | $1.00 \times 10^{-4}$                                | 1                      |
|                    | $1.00 \times 10^{-5}$                                | 1                      |

**Table 4 Summary of Experiments Template: Range Finder Testing**  
**Agonist**

| Experiments: Phase III Range Finder Testing |                |           |                 |  |                               |
|---|----------------|-----------|-----------------|--|-------------------------------|
| Experiment I.D.                             | Substance Code | Date      | Plate Induction | Experiment Used for Data Analysis or Repeated? | Rationale for Unacceptability |
| AgRF 1                                      | H0025          | 22-Oct-08 | 6.4             | Used   | Acceptable                    |
|   | H0029          | 22-Oct-08 |                 | Used   | Acceptable                    |
|   | H0030          | 22-Oct-08 |                 | Used   | Acceptable                    |
|   | H0039          | 22-Oct-08 |                 | Used   | Acceptable                    |
|   | H0042          | 22-Oct-08 |                 | Used   | Acceptable                    |
|   | H0047          | 22-Oct-08 |                 | Used   | Acceptable                    |
| AgRF 2                                      | H0036          | 31-Oct-08 | 4.6             | Used   | Acceptable                    |
|   | H0050          | 31-Oct-08 |                 | Used   | Acceptable                    |
|   | H0054          | 31-Oct-08 |                 | Used   | Acceptable                    |
|   | H0062          | 31-Oct-08 |                 | Used   | Acceptable                    |
|   | H0063          | 31-Oct-08 |                 | Used   | Acceptable                    |
|   | H0064          | 31-Oct-08 |                 | Used   | Acceptable                    |
| AgRF 3                                      | H0026          | 25-Jan-09 | 4.6             | Used   | Acceptable                    |
|   | H0031          | 25-Jan-09 |                 | Used   | Acceptable                    |
|   | H0032          | 25-Jan-09 |                 | Used   | Acceptable                    |
|   | H0049          | 25-Jan-09 |                 | Used   | Acceptable                    |

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| Experiments: Phase III Range Finder Testing |                |           |                 |  |                               |
|---|----------------|-----------|-----------------|--|-------------------------------|
| Experiment I.D.                             | Substance Code | Date      | Plate Induction | Experiment Used for Data Analysis or Repeated? | Rationale for Unacceptability |
|   | H0053          | 25-Jan-09 |                 | Used   | Acceptable                    |
|   | H0058          | 25-Jan-09 |                 | Used   | Acceptable                    |
| AgRF 4                                      | H0041          | 30-Jan-09 | 3.9             | Used   | Acceptable                    |
|   | H0045          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0027          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0028          | 30-Jan-09 |                 | Used   | Acceptable                    |
| AgRF 5                                      | H0034          | 30-Jan-09 | 4.1             | Used   | Acceptable                    |
|   | H0043          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0046          | 30-Jan-09 |                 | Used   | Acceptable                    |
| AgRF 6                                      | H0040          | 06-Feb-09 | 4.6             | Used   | Acceptable                    |
|   | H0051          | 06-Feb-09 |                 | Used   | Acceptable                    |
|   | H0060          | 06-Feb-09 |                 | Used   | Acceptable                    |
|   | H0061          | 06-Feb-09 |                 | Used   | Acceptable                    |
|   | H0065          | 06-Feb-09 |                 | Used   | Acceptable                    |
| AgRF 7                                      | H0035          | 14-Feb-09 | 3.1             | Used   | Acceptable                    |
|   | H0037          | 14-Feb-09 |                 | Used   | Acceptable                    |
|   | H0038          | 14-Feb-09 |                 | Used   | Acceptable                    |
|   | H0044          | 14-Feb-09 |                 | Used   | Acceptable                    |
| AgRF 8                                      | H0033          | 20-Feb-09 | 4.6             | Used   | Acceptable                    |
|   | H0048          | 20-Feb-09 |                 | Used   | Acceptable                    |
|   | H0055          | 20-Feb-09 |                 | Used   | Acceptable                    |
|   | H0056          | 20-Feb-09 |                 | Used   | Acceptable                    |
|   | H0057          | 20-Feb-09 |                 | Used   | Acceptable                    |
|   | H0059          | 20-Feb-09 |                 | Used   | Acceptable                    |

**Antagonist**

| Experiments: Phase III Range Finder Testing |                |           |                 |  |                               |
|---|----------------|-----------|-----------------|--|-------------------------------|
| Experiment I.D.                             | Substance Code | Date      | Plate Reduction | Experiment Used for Data Analysis or Repeated? | Rationale for Unacceptability |
| AntRF 1                                     | H0066          | 22-Oct-08 | 8.0             | Used   | Acceptable                    |

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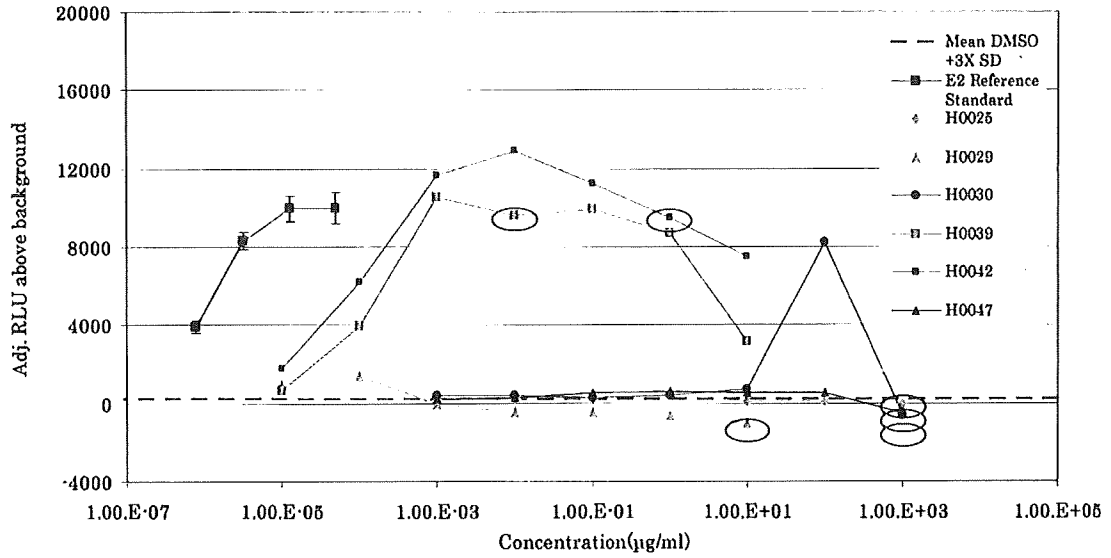
| Experiments: Phase III Range Finder Testing |                |           |                 |  |                               |
|---|----------------|-----------|-----------------|--|-------------------------------|
| Experiment I.D.                             | Substance Code | Date      | Plate Reduction | Experiment Used for Data Analysis or Repeated? | Rationale for Unacceptability |
|   | H0070          | 22-Oct-08 |                 | Used   | Acceptable                    |
|   | H0071          | 22-Oct-08 |                 | Used   | Acceptable                    |
|   | H0082          | 22-Oct-08 |                 | Used   | Acceptable                    |
|   | H0086          | 22-Oct-08 |                 | Used   | Acceptable                    |
|   | H0090          | 22-Oct-08 |                 | Used   | Acceptable                    |
| AntRF 2                                     | H0079          | 31-Oct-08 | 8.0             | Used   | Acceptable                    |
|   | H0093          | 31-Oct-08 |                 | Used   | Acceptable                    |
|   | H0104          | 31-Oct-08 |                 | Used   | Acceptable                    |
|   | H0105          | 31-Oct-08 |                 | Used   | Acceptable                    |
|   | H0106          | 31-Oct-08 |                 | Used   | Acceptable                    |
| AntRF 3                                     | H0067          | 25-Jan-09 | 7.0             | Used   | Acceptable                    |
|   | H0074          | 25-Jan-09 |                 | Used   | Acceptable                    |
|   | H0075          | 25-Jan-09 |                 | Used   | Acceptable                    |
|   | H0092          | 25-Jan-09 |                 | Used   | Acceptable                    |
|   | H0095          | 25-Jan-09 |                 | Used   | Acceptable                    |
|   | H0100          | 25-Jan-09 |                 | Used   | Acceptable                    |
| AntRF 4                                     | H0072          | 30-Jan-09 | 5.5             | Used   | Acceptable                    |
|   | H0073          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0084          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0085          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0096          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0034          | 30-Jan-09 |                 | Used   | Acceptable                    |
| AntRF 5                                     | H0043          | 30-Jan-09 | 5.5             | Used   | Acceptable                    |
|   | H0068          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0069          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0089          | 30-Jan-09 |                 | Used   | Acceptable                    |
|   | H0043          | 30-Jan-09 |                 | Used   | Acceptable                    |
| AntRF 6                                     | H0091          | 06-Feb-09 | 6.5             | Used   | Acceptable                    |
|   | H0102          | 06-Feb-09 |                 | Used   | Acceptable                    |
|   | H0103          | 06-Feb-09 |                 | Used   | Acceptable                    |

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| Experiments: Phase III Range Finder Testing |                |           |                 |  |                               |
|---|----------------|-----------|-----------------|--|-------------------------------|
| Experiment I.D.                             | Substance Code | Date      | Plate Reduction | Experiment Used for Data Analysis or Repeated? | Rationale for Unacceptability |
|   | H0091          | 06-Feb-09 |                 | Used   | Acceptable                    |
| AntRF 7                                     | H0078          | 14-Feb-09 | 3.8             | Used   | Acceptable                    |
|   | H0080          | 14-Feb-09 |                 | Used   | Acceptable                    |
|   | H0081          | 14-Feb-09 |                 | Used   | Acceptable                    |
|   | H0088          | 14-Feb-09 |                 | Used   | Acceptable                    |
| AntRF 8                                     | H0048          | 20-Feb-09 | 7.1             | Used   | Acceptable                    |
|   | H0056          | 20-Feb-09 |                 | Used   | Acceptable                    |
|   | H0059          | 20-Feb-09 |                 | Used   | Acceptable                    |
|   | H0076          | 20-Feb-09 |                 | Used   | Acceptable                    |
|   | H0097          | 20-Feb-09 |                 | Used   | Acceptable                    |

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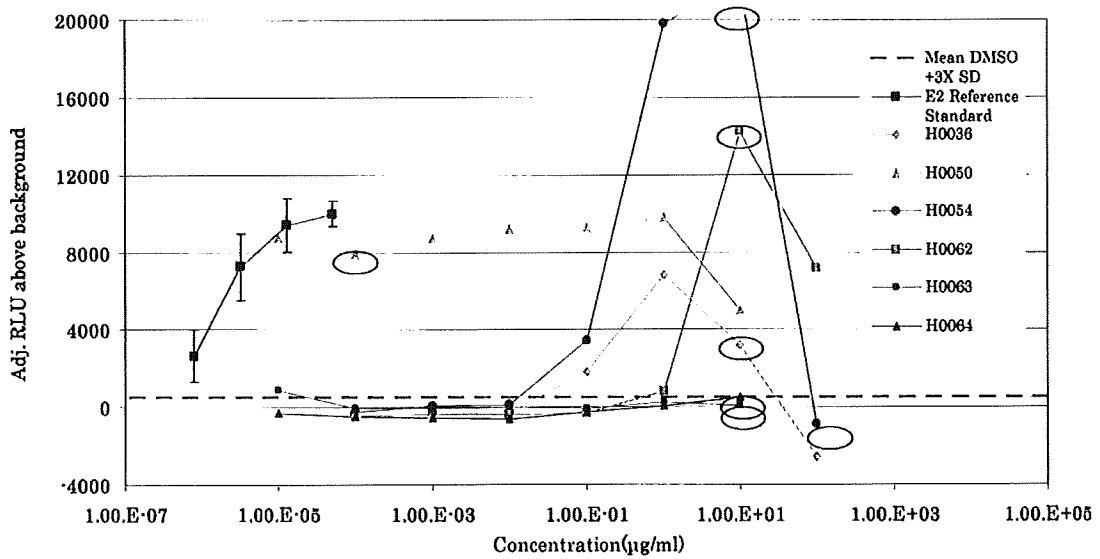
Figure 1.1 Agonist Range Finder Testing for AgRF 1



○ ; Starting Concentration used for Comprehensive Testing

H0025, H0029, H0030, H0039, H0042, H0047 is Double Serial Dilution

Figure 1.2 Agonist Range Finder Testing for AgRF 2



○ ; Starting Concentration used for Comprehensive Testing

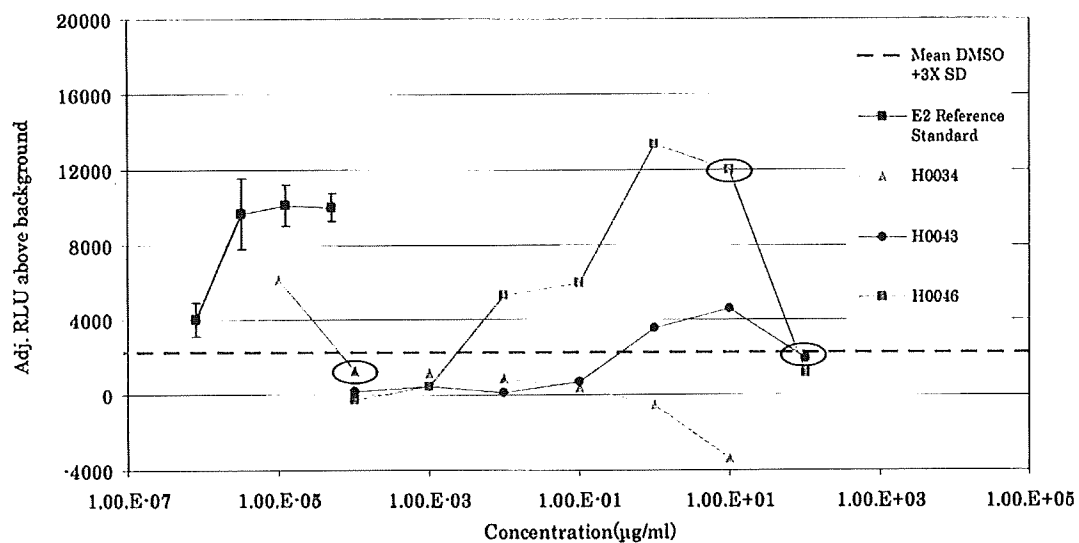
H0050 is Half-Log Serial Dilution

H0036, H0054, H0062, H0063, H0064 is Double Serial Dilution



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Figure 1.5 Agonist Range Finder Testing for AgRF 5

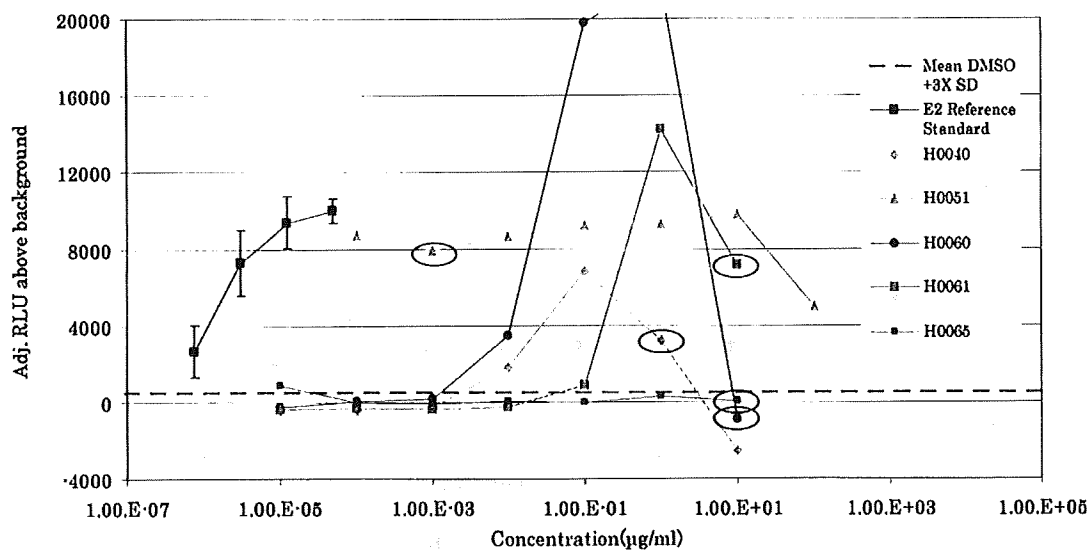


○ ; Starting Concentration used for Comprehensive Testing

H0046 is Half-Log Serial Dilution

H0034, H0043 is Double Serial Dilution

Figure 1.6 Agonist Range Finder Testing for AgRF 6

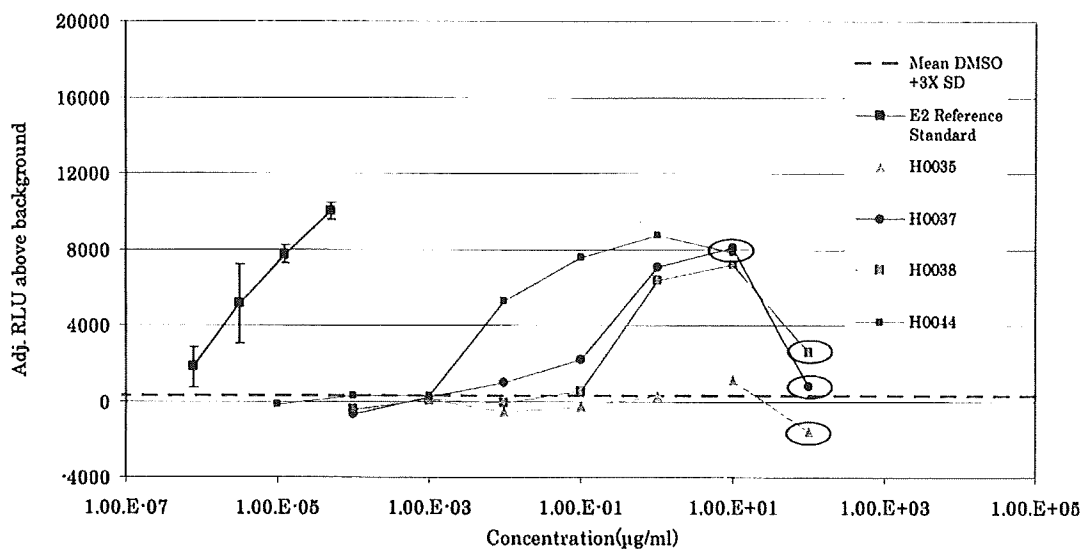


○ ; Starting Concentration used for Comprehensive Testing

H0040, H0051, H0060, H0061, H0065 is Double Serial Dilution

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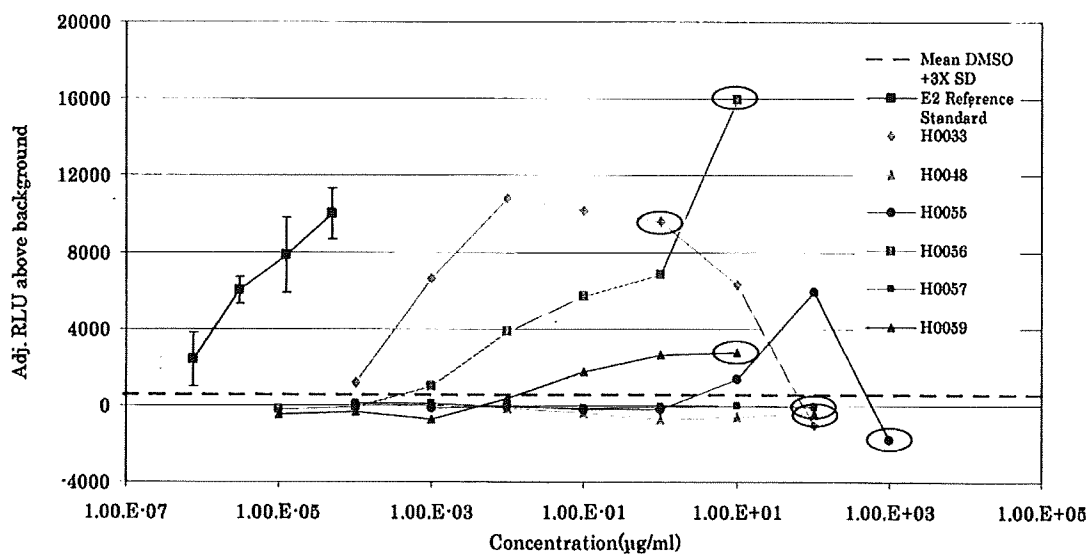
Figure 1.7 Agonist Range Finder Testing for AgRF 7



○ ; Starting Concentration used for Comprehensive Testing

H0035, H0037, H0038, H0044 is Double Serial Dilution

Figure 1.8 Agonist Range Finder Testing for AgRF 8



○ ; Starting Concentration used for Comprehensive Testing

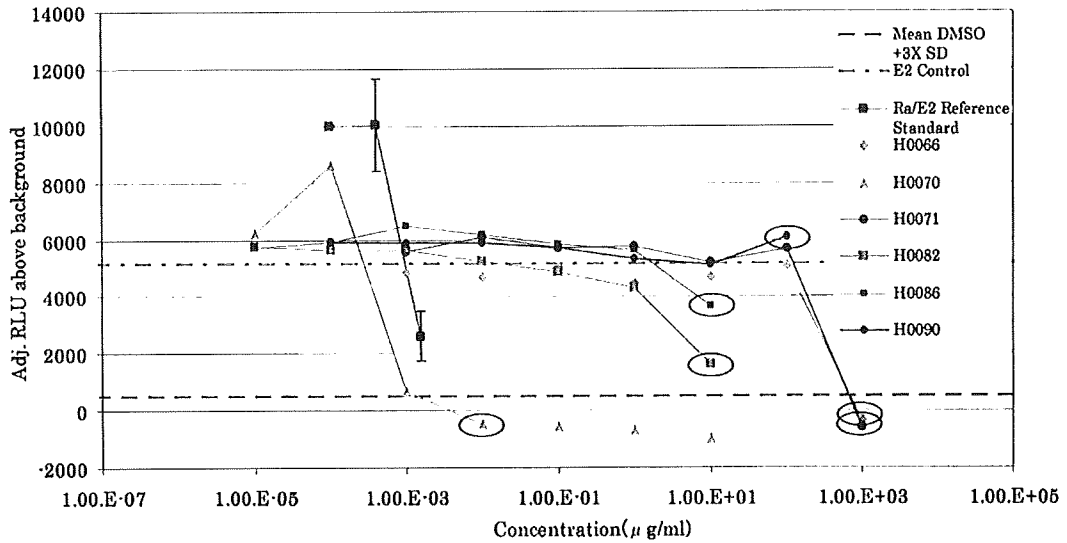
H0056, H0059 is Half-Log Serial Dilution

H0033, H0043, H0055, H0056, H0057 is Double Serial Dilution



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Figure 2.1 Antagonist Range Finder Testing for AntRF 1

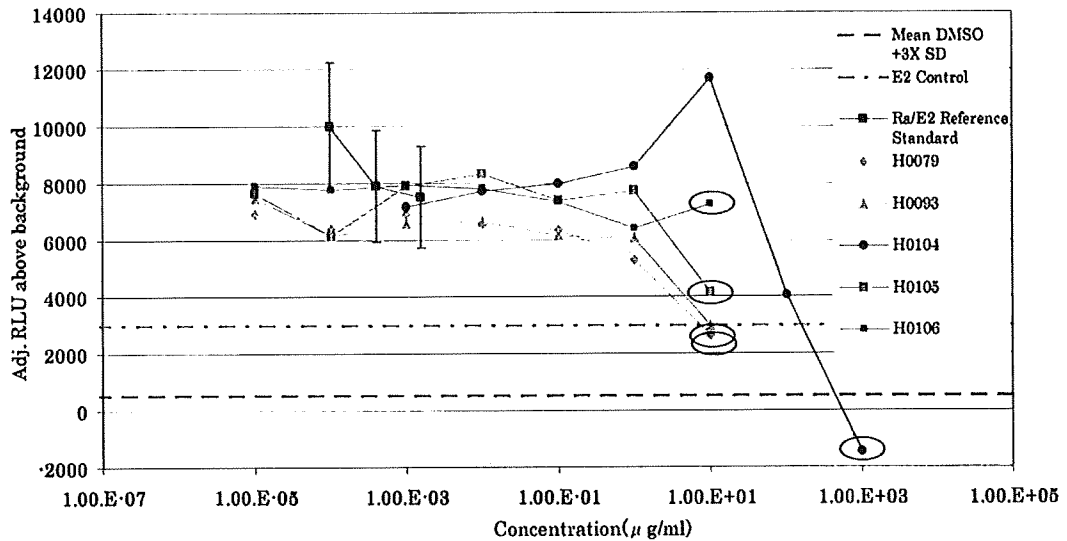


○ ; Starting Concentration used for Comprehensive Testing

H0070 is Half-Log Serial Dilution

H0066, H0071, H0082, H0086, H0090 is Double Serial Dilution

Figure 2.2 Antagonist Range Finder Testing for AntRF 2



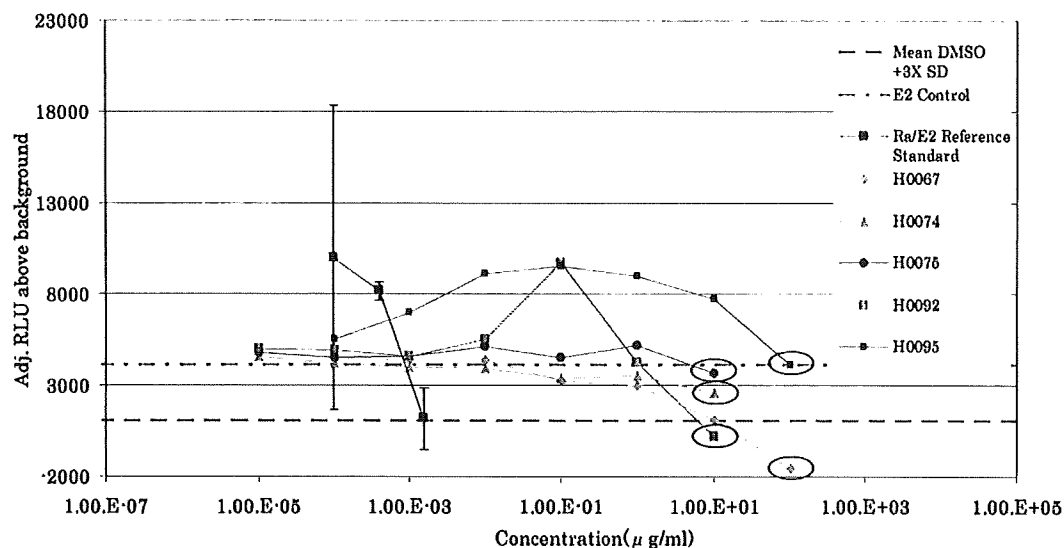
○ ; Starting Concentration used for Comprehensive Testing

H0093, H105, H106 is Half-Log Serial Dilution

H0079, H104 is Double Serial Dilution

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Figure 2.3 Antagonist Range Finder Testing for AntRF 3

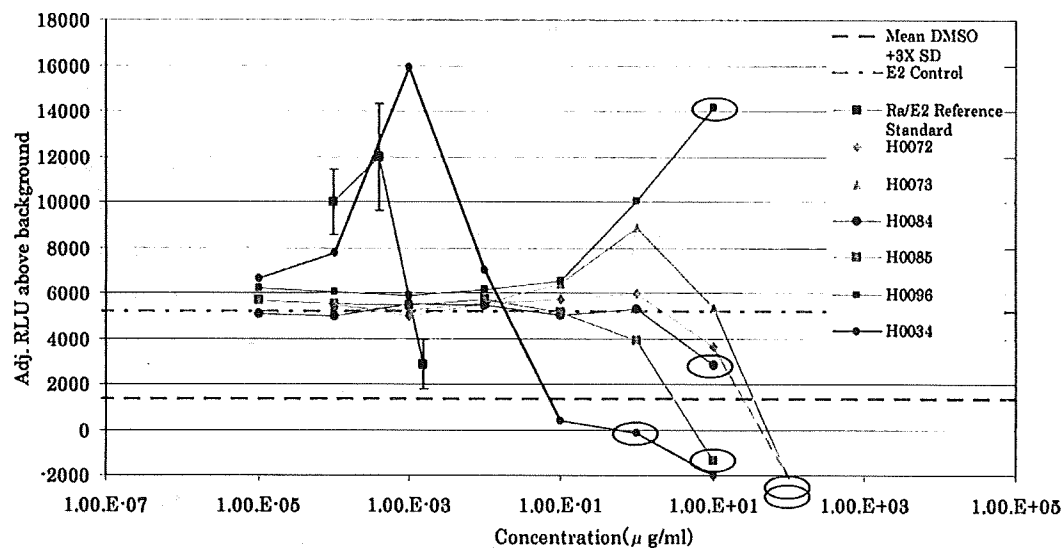


○ ; Starting Concentration used for Comprehensive Testing

H0074, H0075, H0092, is Half-Log Serial Dilution

H0067, H0095 is Double Serial Dilution

Figure 2.4 Antagonist Range Finder Testing for AntRF 4



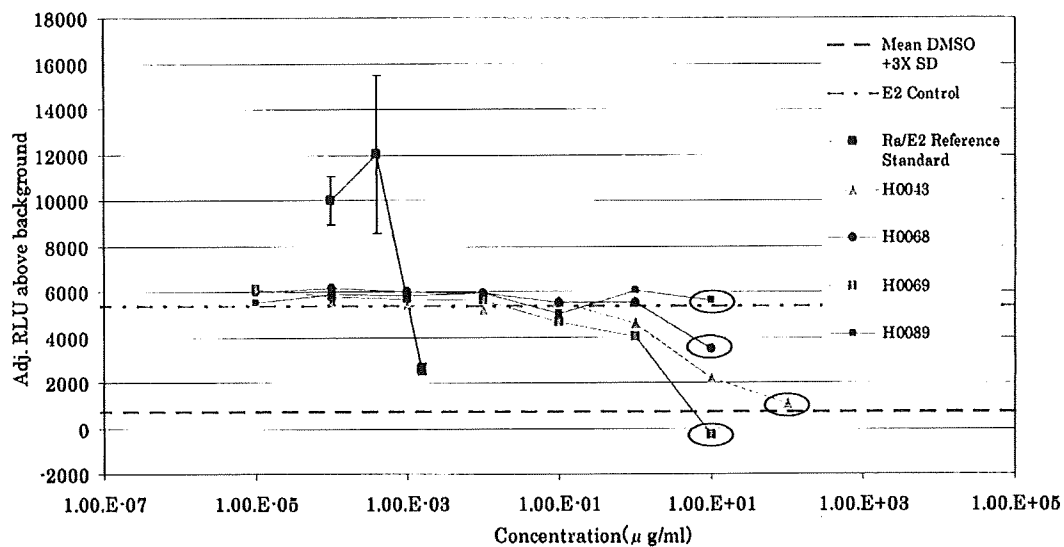
○ ; Starting Concentration used for Comprehensive Testing

H0034 is Half-Log Serial Dilution

H0072, H0073, H0084, H0085, H0096 is Double Serial Dilution

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Figure 2.5 Antagonist Range Finder Testing for AntRF 5

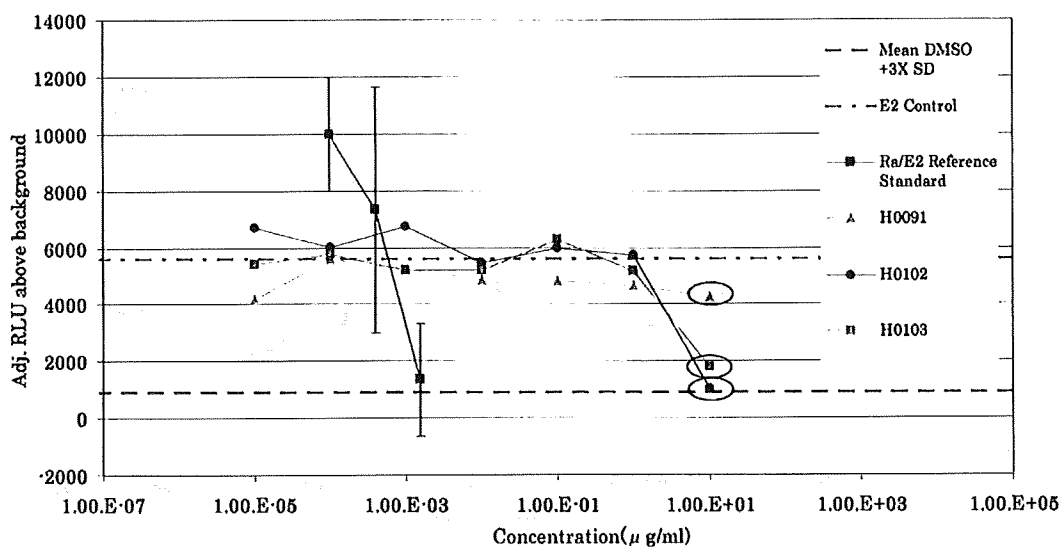


○ ; Starting Concentration used for Comprehensive Testing

H0043, H0068, H0069, is Half-Log Serial Dilution

H0089 is Double Serial Dilution

Figure 2.6 Antagonist Range Finder Testing for AntRF 6

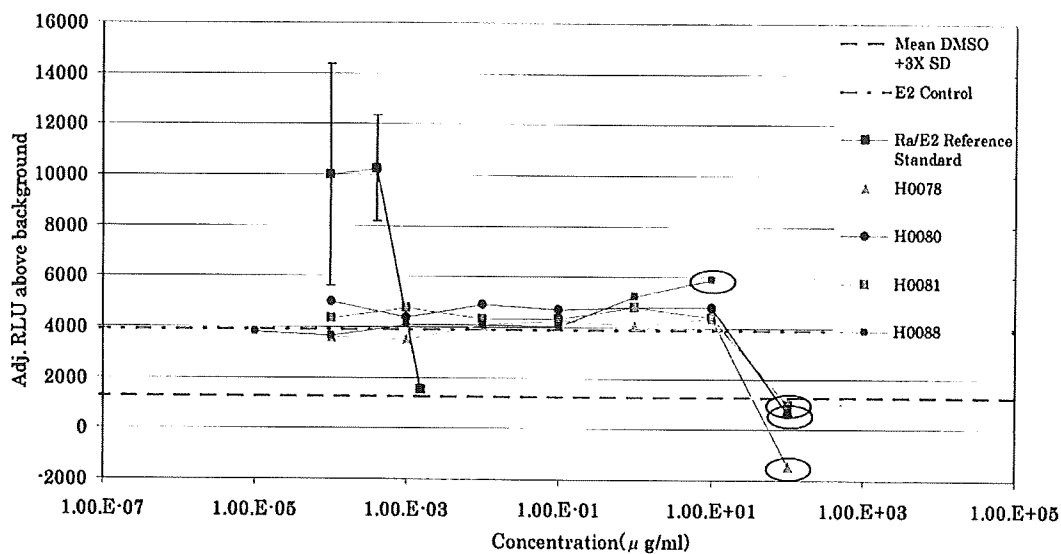


○ ; Starting Concentration used for Comprehensive Testing

H0091, H102, H103 is Half-Log Serial Dilution

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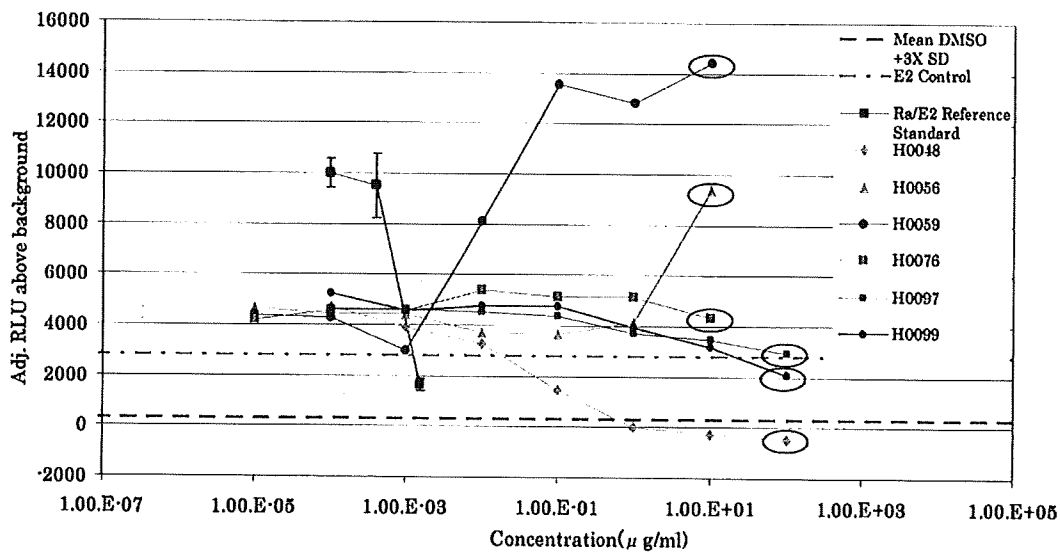
Figure 2.7 Antagonist Range Finder Testing for AntRF 7



○ ; Starting Concentration used for Comprehensive Testing

H0078, H0080, H0081, H0088 is Double Serial Dilution

Figure 2.8 Antagonist Range Finder Results Testing for AntRF 8



○ ; Starting Concentration used for Comprehensive Testing

H0076, is Half-Log Serial Dilution

H0048, H0056, H0059, H0097, H0099 is Double Serial Dilution

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Concentration was instructed from NICEATM for samples underlined in Figure 1 to 2.

Test samples for Range finding test were prepared in 6 serial by mixing with media and from highest concentration without suspension to 10 times dilution. If it shows no activity or activity only upto midway at highest concentration and will suspend in DMSO or media then starting range of comprehensive test will be set at more higher concentration. When the solution is suspended, fail or pass will be determined by the result of cell viability.

• **Aagonist**

AgRF 1 H0029 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
AgRF 2 H0063 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$ , H0064 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
AgRF 3 H0031 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+2}$ , H0032 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
H0058 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
AgRF 8 H0059 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$

• **Antagonist**

AntRF 1 H0082 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+2}$ , H0086 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+2}$   
H0090 ;  $1.0 \times 10^{+2} \rightarrow 1.0 \times 10^{+3}$   
AntRF 2 H0079 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$ , H0093 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
H0105 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$ , H0106 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
AntRF 3 H0067 ;  $1.0 \times 10^{+2} \rightarrow 1.0 \times 10^{+3}$ , H0074 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
H0075 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$ , H0092 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
H0095 ;  $1.0 \times 10^{+2} \rightarrow 1.0 \times 10^{+3}$   
AntRF 4 H0084 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+2}$ , H0085 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+2}$   
H0096 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
AntRF 5 H0043 ;  $1.0 \times 10^{+2} \rightarrow 1.0 \times 10^{+3}$ , H0068 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
H0069 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$ , H0089 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
AntRF 6 H0091 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$ , H0102 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
H0103 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
AntRF 8 H0056 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+2}$ , H0059 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$   
H0076 ;  $1.0 \times 10^{+1} \rightarrow 1.0 \times 10^{+3}$

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2.2 Comprehensive Testing:

Table 5 Concentrations Tested and Cell Viability Table

Agonist; AgCT 1-1(fail)

| Substance Code        | Concentrations Tested<br>(Final) ( $\mu\text{g/ml}$ ) | Cell Viability Results |
|-----------------------|---|------------------------|
| H0025-1               | $1.00 \times 10^{+3}$                                 | 1                      |
|                       | $5.00 \times 10^{+2}$                                 | 1                      |
|                       | $2.50 \times 10^{+2}$                                 | 1                      |
|                       | $1.25 \times 10^{+2}$                                 | 1                      |
|                       | $6.25 \times 10^{+1}$                                 | 1                      |
|                       | $3.13 \times 10^{+1}$                                 | 1                      |
|                       | $1.56 \times 10^{+1}$                                 | 1                      |
|                       | $7.81 \times 10^0$                                    | 1                      |
|                       | $3.91 \times 10^0$                                    | 1                      |
|                       | $1.95 \times 10^0$                                    | 1                      |
| H0026-1               | $9.77 \times 10^{-1}$                                 | 1                      |
|                       | $1.00 \times 10^{+2}$                                 | 2                      |
|                       | $5.00 \times 10^{+1}$                                 | 1                      |
|                       | $2.50 \times 10^{+1}$                                 | 1                      |
|                       | $1.25 \times 10^{+1}$                                 | 1                      |
|                       | $6.25 \times 10^0$                                    | 1                      |
|                       | $3.13 \times 10^0$                                    | 1                      |
|                       | $1.56 \times 10^0$                                    | 1                      |
|                       | $7.81 \times 10^{-1}$                                 | 1                      |
|                       | $3.91 \times 10^{-1}$                                 | 1                      |
| $1.95 \times 10^{-1}$ | 1   |                        |
| $9.77 \times 10^{-2}$ | 1   |                        |

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**Agonist; AgCT 1-2 (fail)**

| Substance Code | Concentrations Tested<br>(Final) ( $\mu\text{g/ml}$ ) | Cell Viability Results |
|----------------|---|------------------------|
| H0027-1        | $1.00 \times 10^{+2}$                                 | 1                      |
|                | $5.00 \times 10^{+1}$                                 | 1                      |
|                | $2.50 \times 10^{+1}$                                 | 1                      |
|                | $1.25 \times 10^{+1}$                                 | 1                      |
|                | $6.25 \times 10^0$                                    | 1                      |
|                | $3.13 \times 10^0$                                    | 1                      |
|                | $1.56 \times 10^0$                                    | 1                      |
|                | $7.81 \times 10^{-1}$                                 | 1                      |
|                | $3.91 \times 10^{-1}$                                 | 1                      |
|                | $1.95 \times 10^{-1}$                                 | 1                      |
|                | $9.77 \times 10^{-2}$                                 | 1                      |
| H0028-1        | $1.00 \times 10^{-3}$                                 | 1                      |
|                | $2.00 \times 10^{-4}$                                 | 1                      |
|                | $4.00 \times 10^{-5}$                                 | 1                      |
|                | $8.00 \times 10^{-6}$                                 | 1                      |
|                | $1.60 \times 10^{-6}$                                 | 1                      |
|                | $3.20 \times 10^{-7}$                                 | 1                      |
|                | $6.40 \times 10^{-8}$                                 | 1                      |
|                | $1.28 \times 10^{-8}$                                 | 1                      |
|                | $2.56 \times 10^{-9}$                                 | 1                      |
|                | $5.12 \times 10^{-10}$                                | 1                      |
|                | $1.02 \times 10^{-10}$                                | 1                      |

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Agonist; AgCT 1-3 (fail)

| Substance Code | Concentrations Tested<br>(Final) ( $\mu\text{g/ml}$ ) | Cell Viability Results |
|----------------|---|------------------------|
| H0029-1        | $1.00 \times 10^{+3}$                                 | 1                      |
|                | $5.00 \times 10^{+2}$                                 | 1                      |
|                | $2.50 \times 10^{+2}$                                 | 1                      |
|                | $1.25 \times 10^{+2}$                                 | 1                      |
|                | $6.25 \times 10^{+1}$                                 | 1                      |
|                | $3.13 \times 10^{+1}$                                 | 1                      |
|                | $1.56 \times 10^{+1}$                                 | 1                      |
|                | $7.81 \times 10^0$                                    | 1                      |
|                | $3.91 \times 10^0$                                    | 1                      |
|                | $1.95 \times 10^0$                                    | 1                      |
|                | $9.77 \times 10^{-1}$                                 | 1                      |
| H0030-1        | $1.00 \times 10^{+3}$                                 | 1                      |
|                | $5.00 \times 10^{+2}$                                 | 1                      |
|                | $2.50 \times 10^{+2}$                                 | 1                      |
|                | $1.25 \times 10^{+2}$                                 | 1                      |
|                | $6.25 \times 10^{+1}$                                 | 1                      |
|                | $3.13 \times 10^{+1}$                                 | 1                      |
|                | $1.56 \times 10^{+1}$                                 | 1                      |
|                | $7.81 \times 10^0$                                    | 1                      |
|                | $3.91 \times 10^0$                                    | 1                      |
|                | $1.95 \times 10^0$                                    | 1                      |
|                | $9.77 \times 10^{-1}$                                 | 1                      |



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Agonist; AgCT 1-4 (fail)

| Substance Code | Concentrations Tested (Final) ( $\mu\text{g/ml}$ ) | Cell Viability Results |
|----------------|--|------------------------|
| H0031-1        | $1.00 \times 10^{+3}$                              | 1                      |
|                | $5.00 \times 10^{+2}$                              | 1                      |
|                | $2.50 \times 10^{+2}$                              | 1                      |
|                | $1.25 \times 10^{+2}$                              | 1                      |
|                | $6.25 \times 10^{+1}$                              | 1                      |
|                | $3.13 \times 10^{+1}$                              | 1                      |
|                | $1.56 \times 10^{+1}$                              | 1                      |
|                | $7.81 \times 10^0$                                 | 1                      |
|                | $3.91 \times 10^0$                                 | 1                      |
|                | $1.95 \times 10^0$                                 | 1                      |
|                | $9.77 \times 10^{-1}$                              | 1                      |
| H0032-1        | $1.00 \times 10^{+3}$                              | 1                      |
|                | $2.00 \times 10^{+2}$                              | 1                      |
|                | $4.00 \times 10^{+1}$                              | 1                      |
|                | $8.00 \times 10^0$                                 | 1                      |
|                | $1.60 \times 10^0$                                 | 1                      |
|                | $3.20 \times 10^{-1}$                              | 1                      |
|                | $6.40 \times 10^{-2}$                              | 1                      |
|                | $1.28 \times 10^{-2}$                              | 1                      |
|                | $2.56 \times 10^{-3}$                              | 1                      |
|                | $5.12 \times 10^{-4}$                              | 1                      |
|                | $1.02 \times 10^{-4}$                              | 1                      |

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**Agonist; AgCT 1-5**

| Substance Code | Concentrations Tested<br>(Final) ( $\mu\text{g/ml}$ ) | Cell Viability Results |
|----------------|---|------------------------|
| H0025-2        | $1.00 \times 10^{+3}$                                 | 2                      |
|                | $5.00 \times 10^{+2}$                                 | 2                      |
|                | $2.50 \times 10^{+2}$                                 | 1                      |
|                | $1.25 \times 10^{+2}$                                 | 1                      |
|                | $6.25 \times 10^{+1}$                                 | 1                      |
|                | $3.13 \times 10^{+1}$                                 | 1                      |
|                | $1.56 \times 10^{+1}$                                 | 1                      |
|                | $7.81 \times 10^0$                                    | 1                      |
|                | $3.91 \times 10^0$                                    | 1                      |
|                | $1.95 \times 10^0$                                    | 1                      |
|                | $9.77 \times 10^{-1}$                                 | 1                      |
| H0026-2        | $1.00 \times 10^{+2}$                                 | 2                      |
|                | $5.00 \times 10^{+1}$                                 | 1                      |
|                | $2.50 \times 10^{+1}$                                 | 1                      |
|                | $1.25 \times 10^{+1}$                                 | 1                      |
|                | $6.25 \times 10^0$                                    | 1                      |
|                | $3.13 \times 10^0$                                    | 1                      |
|                | $1.56 \times 10^0$                                    | 1                      |
|                | $7.81 \times 10^{-1}$                                 | 1                      |
|                | $3.91 \times 10^{-1}$                                 | 1                      |
|                | $1.95 \times 10^{-1}$                                 | 1                      |
|                | $9.77 \times 10^{-2}$                                 | 1                      |

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| Substance Code | Concentrations Tested (Final) ( $\mu\text{g/ml}$ ) | Cell Viability Results |
|----------------|--|------------------------|
| H0027-2        | $1.00 \times 10^{+2}$                              | 2                      |
|                | $5.00 \times 10^{+1}$                              | 1                      |
|                | $2.50 \times 10^{+1}$                              | 1                      |
|                | $1.25 \times 10^{+1}$                              | 1                      |
|                | $6.25 \times 10^0$                                 | 1                      |
|                | $3.13 \times 10^0$                                 | 1                      |
|                | $1.56 \times 10^0$                                 | 1                      |
|                | $7.81 \times 10^{-1}$                              | 1                      |
|                | $3.91 \times 10^{-1}$                              | 1                      |
|                | $1.95 \times 10^{-1}$                              | 1                      |
|                | $9.77 \times 10^{-2}$                              | 1                      |
| H0028-2        | $1.00 \times 10^{-3}$                              | 1                      |
|                | $2.00 \times 10^{-4}$                              | 1                      |
|                | $4.00 \times 10^{-5}$                              | 1                      |
|                | $8.00 \times 10^{-6}$                              | 1                      |
|                | $1.60 \times 10^{-6}$                              | 1                      |
|                | $3.20 \times 10^{-7}$                              | 1                      |
|                | $6.40 \times 10^{-8}$                              | 1                      |
|                | $1.28 \times 10^{-8}$                              | 1                      |
|                | $2.56 \times 10^{-9}$                              | 1                      |
|                | $5.12 \times 10^{-10}$                             | 1                      |
|                | $1.02 \times 10^{-10}$                             | 1                      |

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| Substance Code | Concentrations Tested<br>(Final) ( $\mu\text{g/ml}$ ) | Cell Viability Results |
|----------------|---|------------------------|
| H0029-2        | $1.00 \times 10^{+3}$                                 | 4                      |
|                | $5.00 \times 10^{+2}$                                 | 4                      |
|                | $2.50 \times 10^{+2}$                                 | 4                      |
|                | $1.25 \times 10^{+2}$                                 | 4                      |
|                | $6.25 \times 10^{+1}$                                 | 3                      |
|                | $3.13 \times 10^{+1}$                                 | 3                      |
|                | $1.56 \times 10^{+1}$                                 | 2                      |
|                | $7.81 \times 10^0$                                    | 1                      |
|                | $3.91 \times 10^0$                                    | 1                      |
|                | $1.95 \times 10^0$                                    | 1                      |
|                | $9.77 \times 10^{-1}$                                 | 1                      |
| H0030-2        | $1.00 \times 10^{+3}$                                 | 2                      |
|                | $5.00 \times 10^{+2}$                                 | 1                      |
|                | $2.50 \times 10^{+2}$                                 | 1                      |
|                | $1.25 \times 10^{+2}$                                 | 1                      |
|                | $6.25 \times 10^{+1}$                                 | 1                      |
|                | $3.13 \times 10^{+1}$                                 | 1                      |
|                | $1.56 \times 10^{+1}$                                 | 1                      |
|                | $7.81 \times 10^0$                                    | 1                      |
|                | $3.91 \times 10^0$                                    | 1                      |
|                | $1.95 \times 10^0$                                    | 1                      |
|                | $9.77 \times 10^{-1}$                                 | 1                      |