20200806 6C9-G9 ascites fluid purification

* Positive control:

Mouse anti-NP serum 1:1000

* Negative control:

Culture medium

* Plate layout:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A |  |  |  |  |  |  |  |  |  |  |  |  |
| B |  |  |  |  |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  |  |  |  |
| D |  |  |  |  |  |  |  |  |  |  |  |  |
| E |  |  |  |  |  |  |  |  |  |  |  |  |
| F |  |  |  |  |  |  |  |  |  |  |  |  |
| G | 1:100 ascites fluid | 1:100 Caprylic acid pellet | 1:20 caprylic acid flow-through | 1:2000 purified Ab | 1:70 ammonium sulfate flow-through | 1:2000purified Ab | neg | pos |  |  |  |  |
| H |  |  |  |  |  |  |  |  |  |  |  |  |

* Result:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 0.004 | 0.004 | 0.006 | 0.006 | 0.007 | 0.006 | 0.006 | 0.005 | 0.006 | 0.006 | 0.003 | 0.007 |
| B | 0.008 | 0.01 | 0.012 | 0.011 | 0.011 | 0.009 | 0.005 | 0.007 | 0.004 | 0.006 | 0.005 | 0.007 |
| C | 0.012 | 0.011 | 0.009 | 0.007 | 0.007 | 0.006 | 0.008 | 0.01 | 0.009 | 0.014 | 0.012 | 0.009 |
| D | 0.009 | 0.01 | 0.008 | 0.006 | 0.008 | 0.008 | 0.012 | 0.014 | 0.012 | 0.014 | 0.015 | 0.008 |
| E | 0.007 | 0.008 | 0.008 | 0.009 | 0.009 | 0.006 | 0.005 | 0.007 | 0.01 | 0.01 | 0.013 | 0.004 |
| F | 0.005 | 0.005 | 0.01 | 0.007 | 0.005 | 0.005 | 0.004 | 0.004 | 0.005 | 0.01 | 0.007 | 0.007 |
| G | 2.097 | 3.367 | 3.336 | 2.499 | 3.046 | 2.861 | 0.028 | 3.487 | 0.008 | 0.012 | 0.006 | 0.01 |
| H | 0.009 | 0.007 | 0.004 | 0.006 | 0.003 | 0.003 | 0.008 | 0.01 | 0.009 | 0.005 | 0.003 | 0.002 |