20200519 nCoV NP limiting dilution

* Positive control:

Anti-NP sera 1:1000

* Negative control:

Culture medium

* Plate layout:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 2F8  D1 | 2F8  D11 | 4G12  A1 | 4G12  A4 | 4G12  A7 | 4G12  A10 | 4G12  A11 | 4G12  B2 | 4G12  B3 | 4G12  B4 | 4G12  B6 | 4G12  B10 |
| B | 4G12  B12 | 4G12  C2 | 4G12  C4 | 4G12  C6 | 4G12  C7 | 4G12  C9 | 4G12  C10 | 4G12  C12 | 4G12  D1 | 4G12  D3 | 4G12  D4 | 4G12  D5 |
| C | 4G12  D7 | 4G12  D8 | 4G12  D9 | 4G12  D11 | 4G12  D12 | 4G12  E1 | 4G12  E2 | 4G12  E3 | 4G12  E4 | 4G12  E5 | 4G12  E7 | 4G12  E8 |
| D | 4G12  E10 | 4G12  E11 | 4G12  F3 | 4G12  F5 | 4G12  F6 | 4G12  F11 | 4G12  G1 | 4G12  G7 | 4G12  G8 | 4G12  G12 | 4G12  H1 | 4G12  H4 |
| E | 4G12  H5 | 4G12  H6 | 4G12  H7 | 4G12  H10 | 5B10  B1 | 5B10  B2 | 5B10  B12 | 5B10  C2 | 5B10  C6 | 5B10  C8 | 5B10  C11 | 5B10  E2 |
| F | 5B10  E3 | 5B10  E7 | 5B10  E10 | 5B10  E11 | 5B10  F2 | 5B10  F3 | 5B10  F4 | 5B10  F8 | 5B10  G1 | 5B10  G3 | 6C3  B3 | 6C3  C1 |
| G | 6C3  C3 | 6C3  E5 | 6C3  F3 | 6C3  F8 | 6C3  H12 | 6C4  H5 | Positive | Negative |  |  |  |  |
| H |  |  |  |  |  |  |  |  |  |  |  |  |

* Result:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 0.026 | 0.032 | 0.009 | 0.01 | 0.014 | 0.017 | 0.017 | 0.02 | 0.015 | 0.013 | 0.036 | 0.013 |
| B | 3.073 | 0.803 | 0.016 | 0.02 | 0.023 | 0.017 | 0.016 | 0.11 | 0.016 | 0.013 | 0.013 | 0.017 |
| C | 0.016 | 0.017 | 0.017 | 0.018 | 0.024 | 0.03 | 0.03 | 0.018 | 3.626 | 0.015 | 0.011 | 0.012 |
| D | 0.019 | 0.015 | 0.019 | 0.02 | 0.024 | 0.027 | 0.027 | 0.026 | 0.029 | 0.019 | 0.014 | 0.014 |
| E | 0.018 | 0.025 | 0.019 | 0.026 | 0.036 | 0.032 | 0.034 | 0.03 | 0.025 | 0.018 | 0.016 | 0.018 |
| F | 0.022 | 0.028 | 0.03 | 0.029 | 0.031 | 0.031 | 0.026 | 0.025 | 0.025 | 0.019 | 0.021 | 0.028 |
| G | 0.021 | 0.021 | 0.029 | 0.025 | 0.029 | 0.035 | 3.586 | 0.023 | 0.01 | 0.01 | 0.012 | 0.009 |
| H | 0.007 | 0.007 | 0.006 | 0.004 | 0.006 | 0.005 | 0.008 | 0.006 | 0.005 | 0.007 | 0.007 | 0.005 |