20200626 nCoV NP 4G12-E4 Ab pair

* Plate layout:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample | Capture Ab | Antigen | Antigen amount | Detection Ab | Detection Ab dilution |
| A1 | 4G12-E4 | nCoV NP | 100ng | 1A7-F6 before purification | - |
| A2 | 4G12-E4 | nCoV NP | 100ng | 1A7-F8 before purification | - |
| A3 | 4G12-E4 | nCoV NP | 100ng | Anti-NP serum | 1:1000 |
| A4 | 4G12-E4 | nCoV NP | 100ng | Culture medium | - |
| B1 | - | nCoV NP | 100ng | 1A7-F6 before purification | - |
| B2 | - | nCoV NP | 100ng | 1A7-F8 before purification | - |
| B3 | - | nCoV NP | 100ng | Anti-NP serum | 1:1000 |
| B4 | - | nCoV NP | 100ng | Culture medium | - |

* Result:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 0.2 | 0.195 | 1.175 | 0.124 | 0.009 | 0.002 | 0.004 | 0.002 | 0.002 | 0.006 | 0.007 | 0.007 |
| B | 2.088 | 2.099 | 3.581 | 0.016 | 0.007 | 0.001 | 0 | 0.002 | 0.004 | 0.007 | 0.006 | 0.004 |
| C | 0.023 | 0.018 | 0.005 | 0.003 | 0.002 | 0.003 | 0.003 | 0.008 | 0.01 | 0.005 | 0.005 | 0.006 |
| D | 0.012 | 0.009 | 0.003 | 0.002 | 0.003 | 0.002 | 0.007 | 0.011 | 0.004 | 0.003 | 0.006 | 0.011 |
| E | 0.017 | 0.005 | 0.006 | 0.008 | 0.017 | 0.003 | 0.003 | 0.002 | 0.002 | 0.005 | 0.01 | 0.017 |
| F | 0.015 | 0.019 | 0.018 | 0.009 | 0.003 | 0.003 | 0.001 | 0 | 0.006 | 0.012 | 0.017 | 0.021 |
| G | 0.024 | 0.016 | 0.006 | 0.002 | 0.003 | 0.002 | 0.004 | 0.018 | 0.013 | 0.014 | 0.006 | 0.006 |
| H | 0.013 | 0.011 | 0.002 | 0.004 | 0.003 | 0.002 | 0.01 | 0.01 | 0.003 | 0.004 | 0.002 | 0.001 |