20200706 nCoV NP rabbit serum titer 1A7-F6 1A7-F8 2A4-G11 4G12-B12 6C3-D7 6C3-G9 purification

* Positive control:

Mouse anti-NP serum 1:2000

* Negative control:

Culture medium

* Plate layout:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A |  |  |  |  |  |  |  |  |  |  |  |  |
| B |  |  |  |  |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  |  |  |  |
| D | Rabbit serum 1:100 | Rabbit serum 1:200 | Rabbit serum 1:400 | Rabbit serum 1:800 | Rabbit serum 1:1600 | Rabbit serum 1:3200 | Rabbit serum 1:6400 | Rabbit serum 1:12800 | Rabbit serum 1:25600 | Rabbit serum 1:51200 | pos | neg |
| E | 1A7-F6 before purification | 1A7-F6 after purification 1:100 | 1A7-F8 before purification | 1A7-F8 after purification 1:100 | 2A4-G11 before purification | 2A4-G11 after purification 1:100 | 4G12-B12 before purification | 4G12-B12 after purification 1:100 | 6C3-D7 before purification | 6C3-D7 after purification 1:100 | 6C3-G9 before purification | 6C3-G9 after purification 1:100 |
| F |  |  |  |  |  |  |  |  |  |  |  |  |
| G |  |  |  |  |  |  |  |  |  |  |  |  |
| H |  |  |  |  |  |  |  |  |  |  |  |  |

* Result:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 0.006 | 0.004 | 0.007 | 0.006 | 0.012 | 0.006 | 0.009 | 0.009 | 0.01 | 0.012 | 0.011 | 0.01 |
| B | 0.007 | 0.007 | 0.005 | 0.011 | 0.011 | 0.008 | 0.007 | 0.008 | 0.012 | 0.016 | 0.009 | 0.009 |
| C | 0.021 | 0.015 | 0.01 | 0.011 | 0.012 | 0.014 | 0.015 | 0.012 | 0.014 | 0.014 | 0.013 | 0.014 |
| D | 3.451 | 3.532 | 3.535 | 3.428 | 3.553 | 3.519 | 3.563 | 3.594 | 3.471 | 3.286 | 3.626 | 0.043 |
| E | 0.24 | 0.108 | 0.673 | 0.086 | 2.57 | 1.165 | 0.024 | 0.031 | 3.351 | 0.943 | 3.327 | 1.225 |
| F | 0.016 | 0.017 | 0.016 | 0.008 | 0.007 | 0.005 | 0.005 | 0.012 | 0.012 | 0.01 | 0.015 | 0.015 |
| G | 0.02 | 0.014 | 0.014 | 0.006 | 0.005 | 0.007 | 0.011 | 0.018 | 0.014 | 0.012 | 0.008 | 0.011 |
| H | 0.012 | 0.01 | 0.006 | 0.008 | 0.008 | 0.009 | 0.012 | 0.013 | 0.007 | 0.005 | 0.003 | 0.007 |