20200714 nCoV NP 6C3-D7 protein A 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 | 1:3 before purification | 1:100 elution 1 | 1:100 elution 2 | 1:100 elution 3 | 1:100 elution 4 | 1:100 elution 5 | 1:100 elution 6 | 1:100 elution 7 | 1:100 elution 8 | 1:100 elution 9 | 1:100 elution 10 | pos |
| D | neg |  |  |  |  |  |  |  |  |  |  |  |
| E |  |  |  |  |  |  |  |  |  |  |  |  |
| F |  |  |  |  |  |  |  |  |  |  |  |  |
| G |  |  |  |  |  |  |  |  |  |  |  |  |
| H |  |  |  |  |  |  |  |  |  |  |  |  |

* Result:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| <> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 0.002 | 0.001 | 0.001 | 0.003 | 0.006 | 0.004 | 0.003 | 0.007 | 0.006 | 0.005 | 0.009 | 0.007 |
| B | 0.005 | 0.003 | 0.003 | 0.006 | 0.006 | 0.005 | 0.004 | 0.004 | 0.005 | 0.009 | 0.008 | 0.014 |
| C | 1.298 | 0.112 | 0.153 | 0.355 | 0.315 | 0.194 | 0.144 | 0.108 | 0.096 | 0.088 | 0.076 | 3.373 |
| D | 0.033 | 0.009 | 0.012 | 0.009 | 0.004 | 0.004 | 0.009 | 0.021 | 0.018 | 0.014 | 0.012 | 0.008 |
| E | 0.013 | 0.012 | 0.01 | 0.007 | 0.018 | 0.007 | 0.003 | -0.001 | 0.008 | 0.01 | 0.01 | 0.014 |
| F | 0.006 | 0.01 | 0.01 | 0.008 | 0.012 | 0.001 | 0.004 | 0.014 | 0.012 | 0.012 | 0.006 | 0.009 |
| G | 0.014 | 0.014 | 0.013 | 0.007 | 0.005 | 0.004 | 0.004 | 0.005 | 0.005 | 0.004 | 0.006 | 0.005 |
| H | 0.014 | 0.017 | 0.007 | 0.008 | 0.006 | 0.004 | 0.008 | 0.01 | 0.001 | 0.002 | 0.004 | 0.002 |