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**Supplementary Data**

**Clinical practice of rapid antigen tests for SARS-CoV-2 Omicron variant: a single-center study in China**

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**Supplementary Table S1** Evaluation of RAT performance (performed by professionals) in nasal swabs (n = 45) collected 6.80 ± 1.53 days after symptom onset from Omicron-infected patients compared with the RT-PCR results from nasopharyngeal swabs.

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| --- | --- |
|  | **NAAT in NP swab** |
|  | Ct value < 30 defines positive RT-PCR | Ct value < 38 defines positive RT-PCR |
| **Sensitivity (%)** | 79.17 | 51.35 |
| **Specificity (%)** | 100.00 | 100.00 |
| **PPV (%)** | 100.00 | 100.00 |
| **NPV (%)** | 80.77 | 30.77 |
| **OPA (%)** | 88.89 | 60.00 |

*PPV, positive predictive value; NPV, negative predictive value; OPA, overall percent agreement, NAAT, nucleic acid amplification test; NP, nasopharyngeal.*

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**Supplementary Fig. S1** Serum indices of partial Omicron-infected inpatients in Group 3 at baseline.



**Supplementary Fig. S2** The white blood cell count, absolute lymphocyte count and C-reactive protein level of Patient 45 at baseline and in therapy.