

LoD Determination of GenBOdy COVID-19 Ag RDT

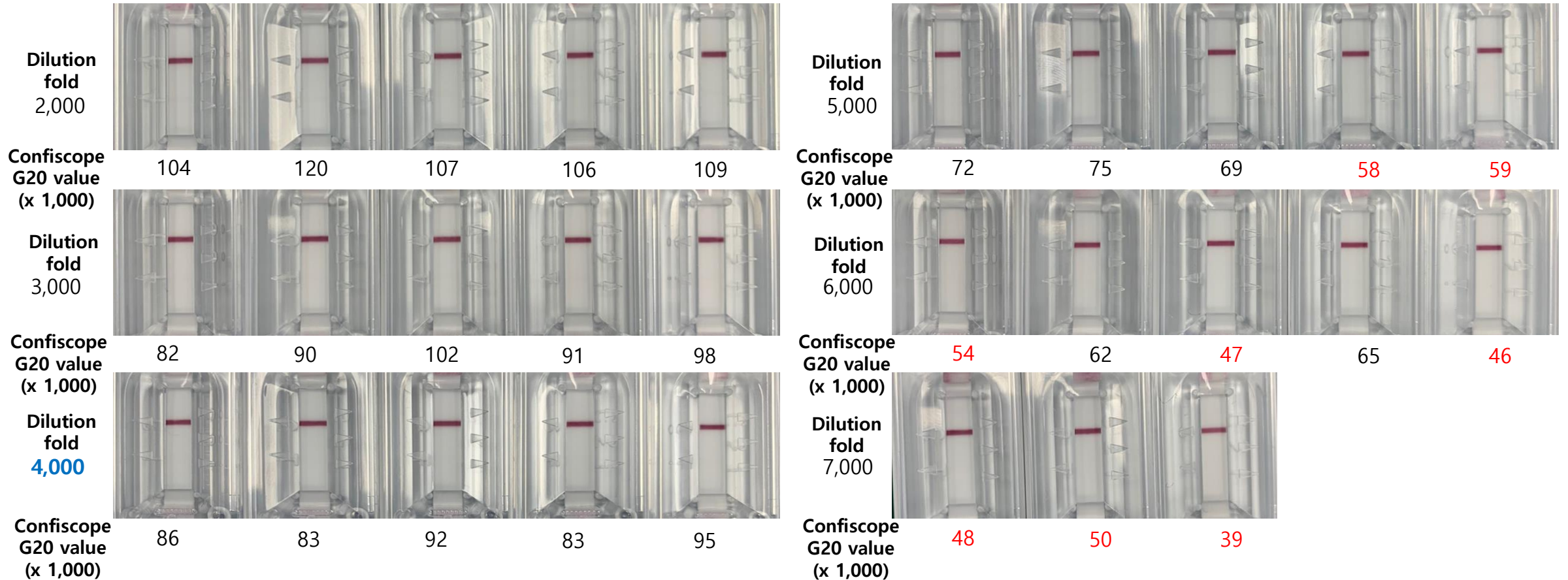
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Detection limit of GenBody COVID-19 Ag RDT

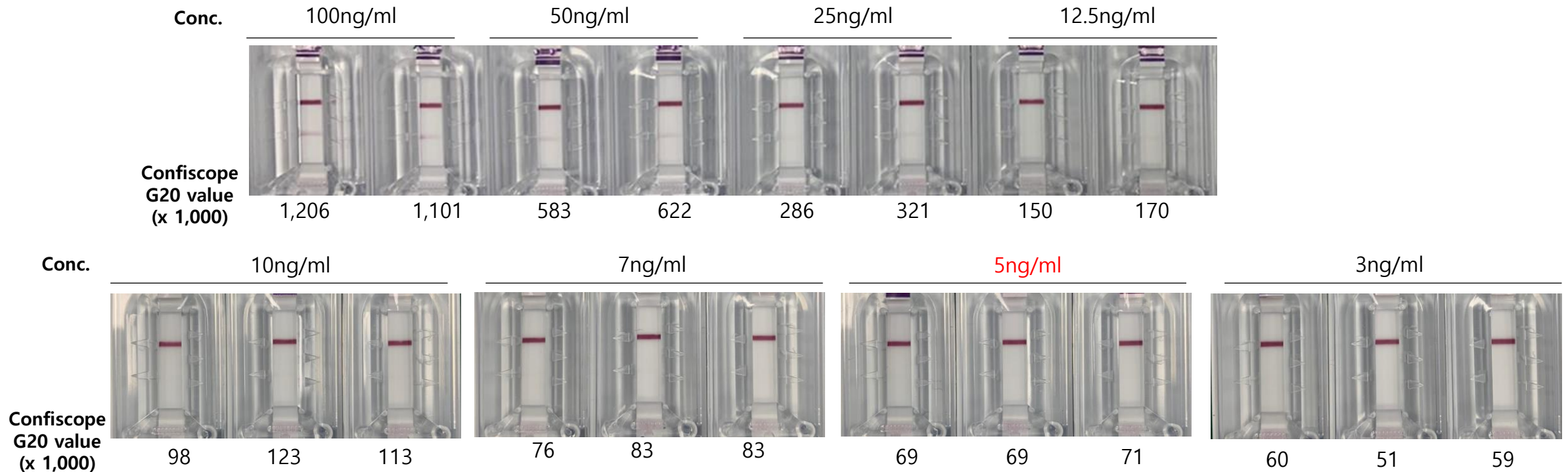
- Reference materials: heat inactivated SARS-CoV-2 culture fluid (from Zeptomatrix, USA)
- Concentration of SARS-CoV-2 culture fluid: 1.15×10^7 TCID₅₀/ml
- Cutoff value in Confiscope G20 = 60,000



- Result: GenBody RDT kit can detect the viral antigens in 1/4,000 dilutions of reference materials.
- Detection limit: 2.8×10^3 TCID₅₀/ml

Detection limit of GenBody COVID-19 Ag RDT

- Reference materials: recombinant nucleoprotein of SARS-CoV-2 (from GenBody Inc., Korea)
- Concentration of recombinant NP: 3.12 mg/ml
- Cutoff value in Confiscope G20 = 60,000



- Result: GenBody RDT kit can detect the recombinant NP of the virus at 5 ng/ml.
- Detection limit: **5.0 ng/ml of recombinant NP**