Supplementary Figure S1. Phylogenetic trees representing the genotype of candidate standard. Bootstrap values which were less than 70% were not shown. The ORF2 regions of the sequences were compared and shown.

Supplementary Table S1. Accuracy and precision of methods in different laboratories.

Test	Lab 1	Lab 2	Lab 3	Lab 4
1	3.94 $\log_{10}$ IU/mL	3.80 $\log_{10}$ IU/mL	3.90 $\log_{10}$ IU/mL	3.95 $\log_{10}$ IU/mL
2	3.91 $\log_{10}$ IU/mL	3.80 $\log_{10}$ IU/mL	3.97 $\log_{10}$ IU/mL	3.98 $\log_{10}$ IU/mL
3	3.98 $\log_{10}$ IU/mL	3.80 $\log_{10}$ IU/mL	3.94 $\log_{10}$ IU/mL	3.98 $\log_{10}$ IU/mL
Accuracy (%)	103.8	100.0	103.6	104.5
Relative standard deviation (RSD, %)	0.9	0.0	0.9	0.4

1