CLINICAL REPORT FOR THE COVID-19 DETECTING

Performance Characteristic

Coronavirus Covid-19 IgG/IgM rapid test (Whole blood /Serum Plasma) has been evaluated with 2000 test samples (the test sample with exhibiting pneumonia or respiratory symptoms).

The test result compare with Covid-19 PCR detection Kit.

1. Sensitivity

2019-Novel Coronavirus (2019-nCov) IgG/IgM GICA Rapid Test			
Type	Positive	PCR positive	Sensitivity
Plasma	121	134	90.30%
Serum	136	152	89.47%
Whole blood	112	126	88.89%
Total	369	412	89.56%

2. Specificity

2019-Novel Coronavirus (2019-nCov) IgG/IgM GICA Rapid Test			
Type	Negative	PCR Negative	Specificity
Plasma	172	172	100%
Serum	164	165	99.35
Whole blood	178	178	100%
Total	514	515	99.80%

3. Accuracy

According to the above data, the total accuracy is 94.68%