

# QuickGene-Mini480



**1.Small and light-weight compact device**

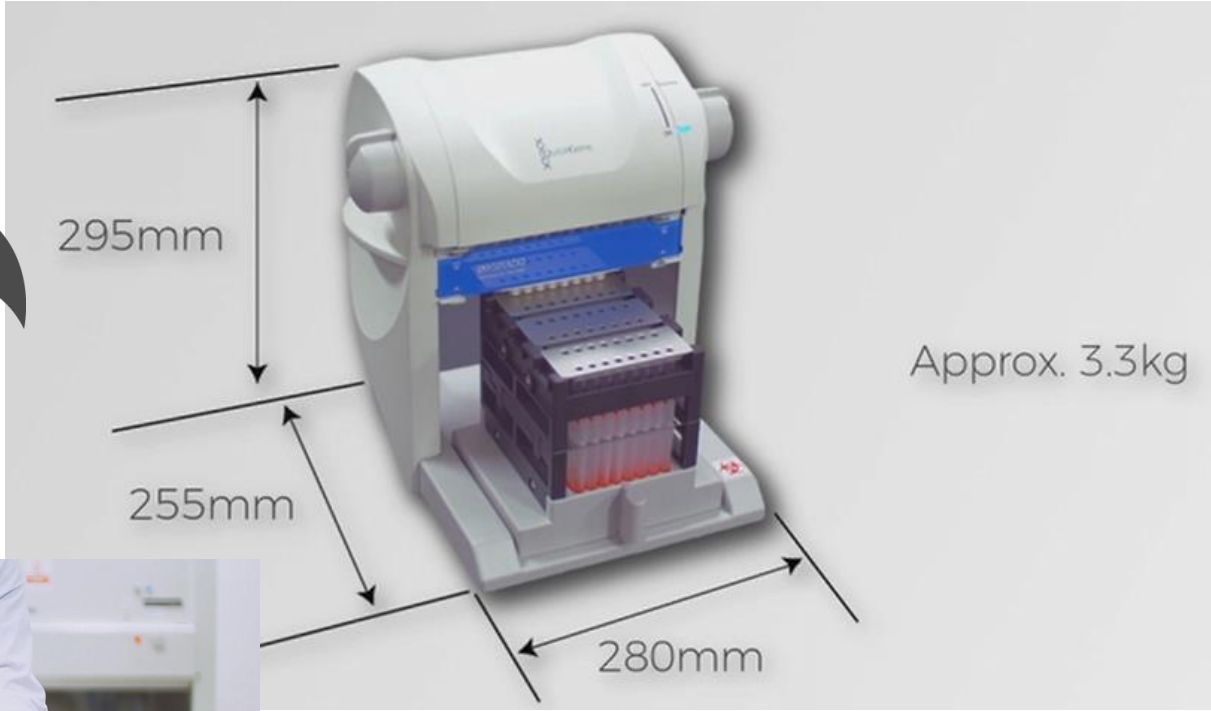
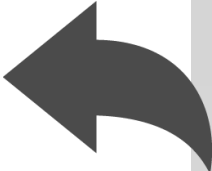
**2.Processing 1 to 48 samples at the same time**

**3. Easy isolation from various samples**

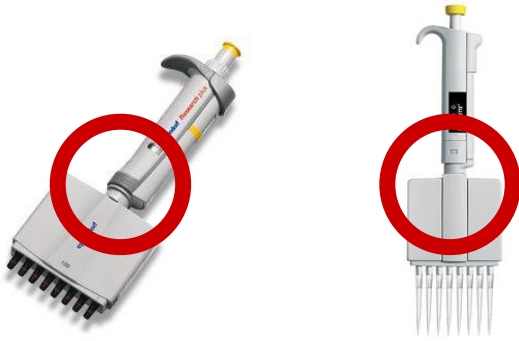
**4.Reasonably price**

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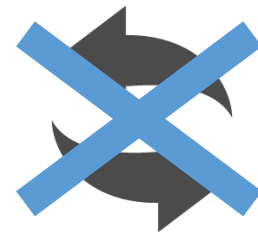
## Compact size



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**You can use a multi-channel pipette!**



**Repeat centrifugal operation unnecessary**

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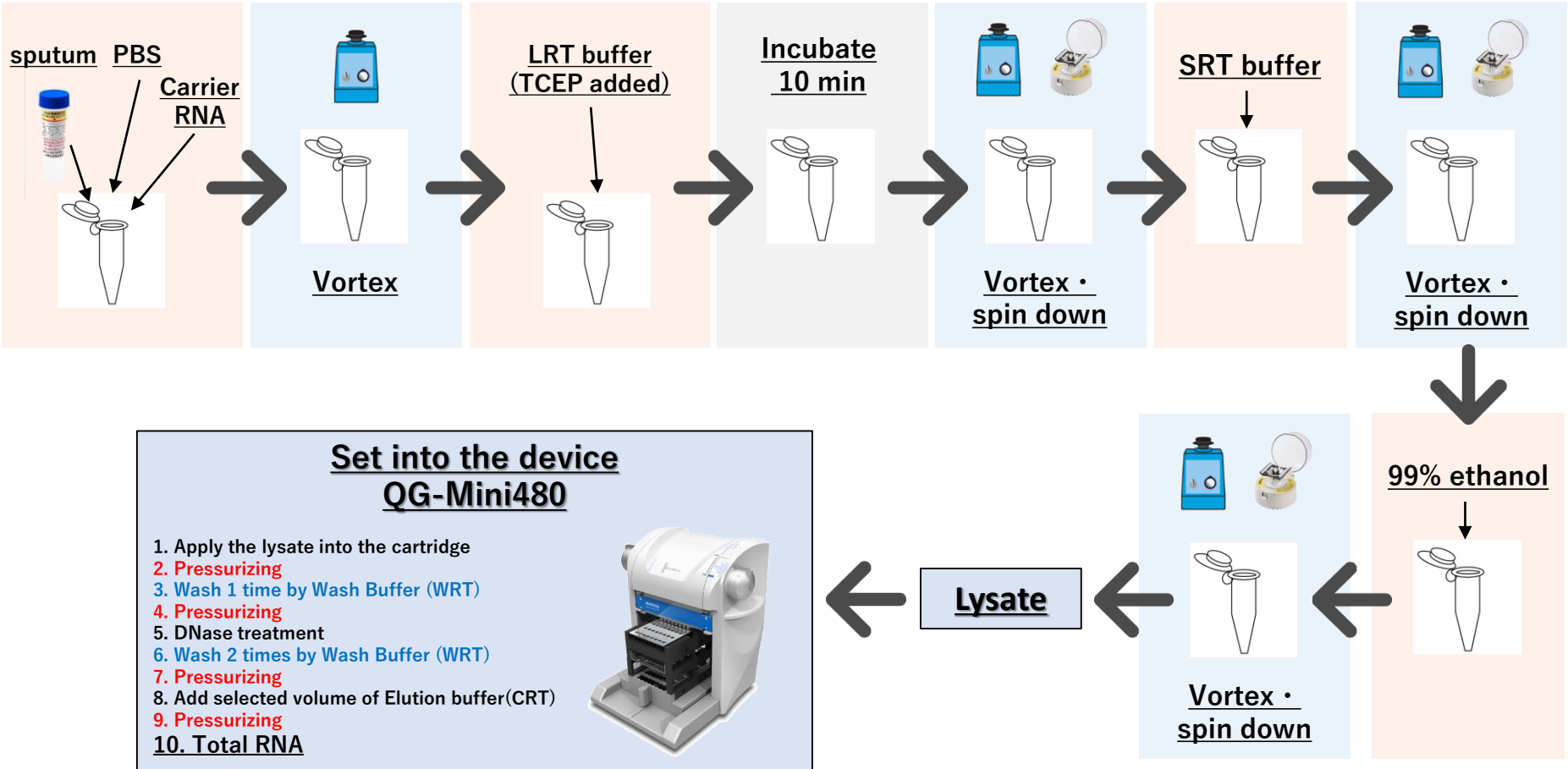
## Necessary equipment



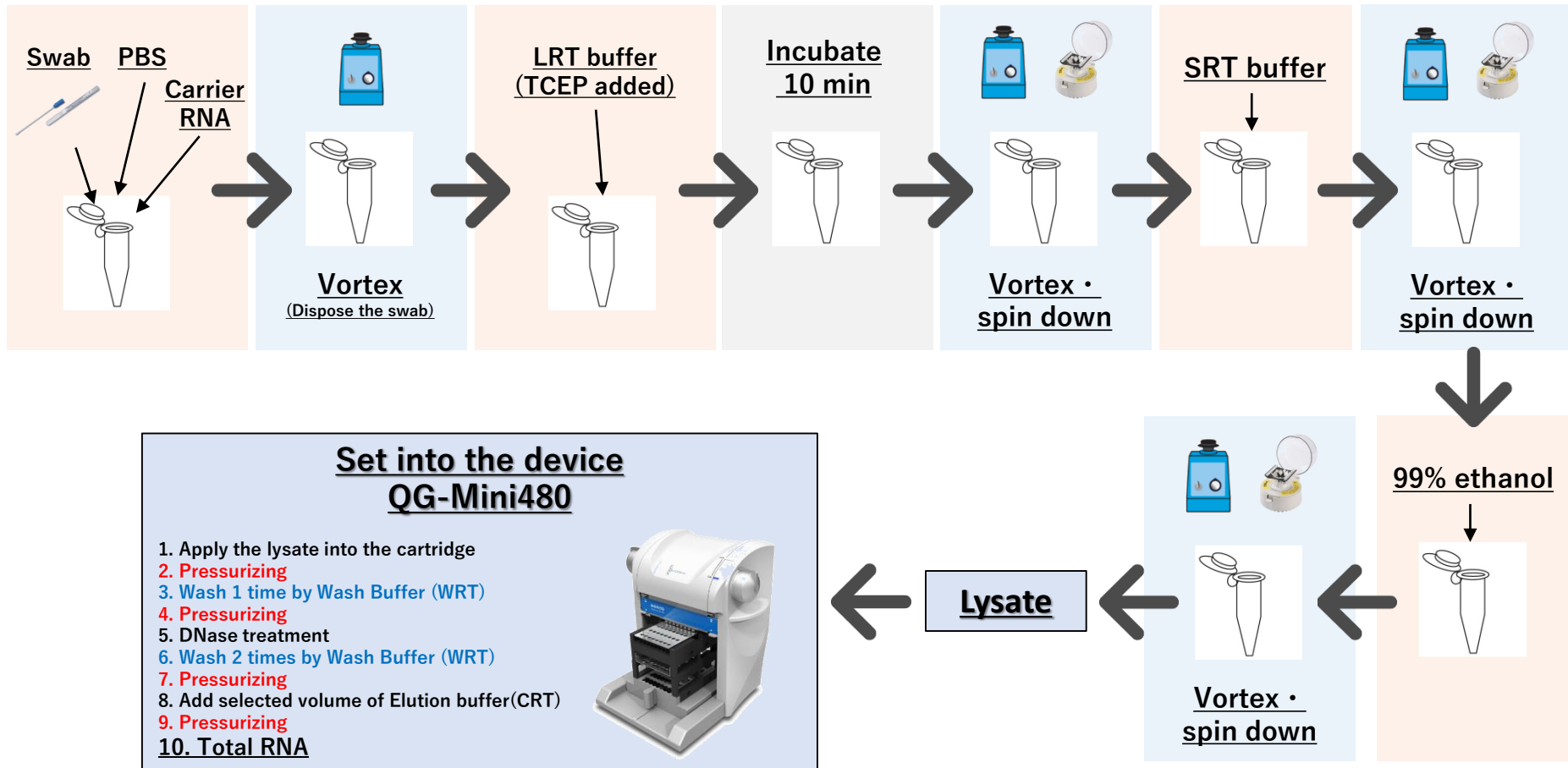
## Work is completed in a safety cabinet!!



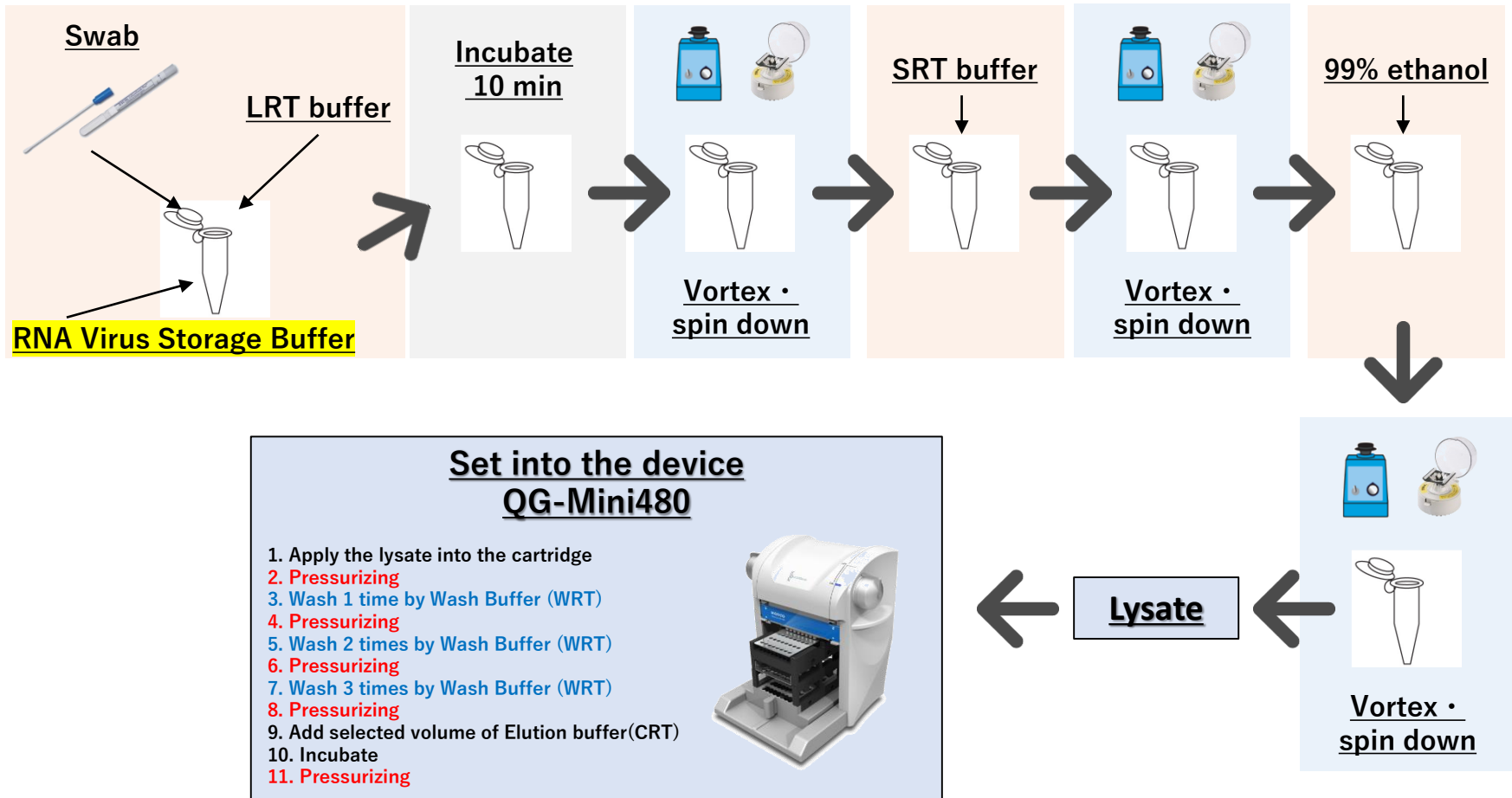
# 1. Virus RNA Extraction from sputum



## 2. Virus RNA Extraction from Nasopharyngeal swab or /and oropharyngeal swab with Carrier RNA, TCEP and DNase



### 3. Virus RNA Extraction from Nasopharyngeal swab or /and oropharyngeal swab without Carrier RNA, TCEP and DNase



## Result of 3. Virus RNA Extraction from swab(2019-nCoV positive control added) without Carrier RNA, TCEP and DNase

Real-time RT-PCR

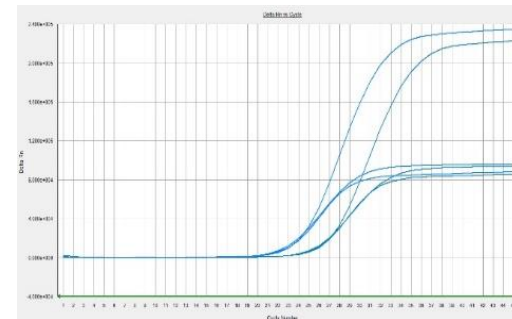
Device: Roche Cobas 4800

Kit: DAAN Gene Co., Ltd

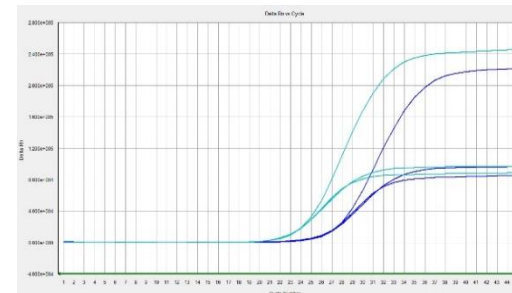
2019-nCoV (ORF1ab/N) Real-Time PCR IVD KIT

### ■ CT Value

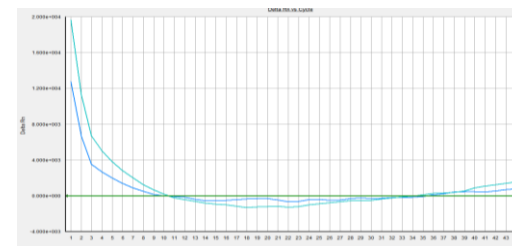
Product	Target Gene	Sample 1	Sample 2	Negative control
		Approx. 215,000 copies	Approx. 24,500 copies	KN, DN
KURABO QG-RT-S2 Kit	ORF1ab	24.1	27.6	Negative.
	N	24.7	27.9	Negative
D Band Virus RNA Extraction Kit-IVD	ORF1ab	24.2	27.2	Negative
	N	24.7	27.8	Negative



KURABO QG-RT-S2



D Band Virus RNA Extraction Kit-IVD



Negative control (KN, DN)