

2019-nCoV RNA EXTRACTION PRODUCT SOLUTION

QuickGene Series



Features

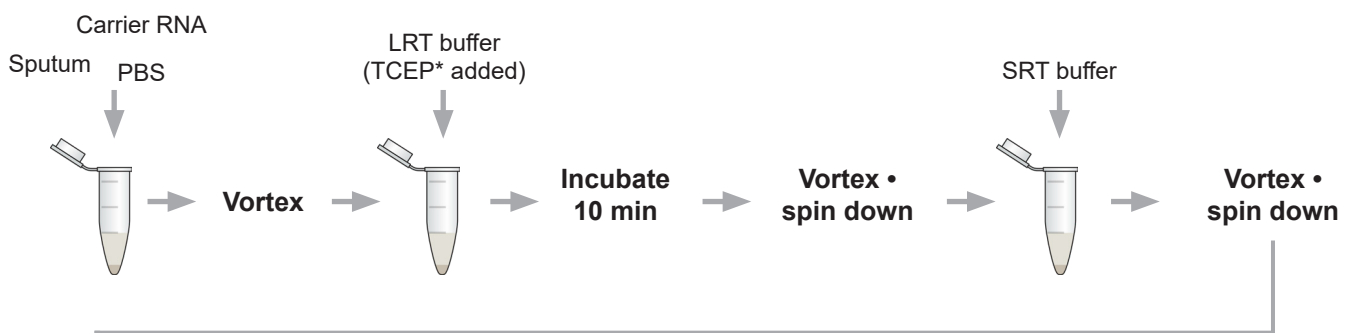
- Small and light weight compact benchtop device
- Processing 1 to 48 samples at the same time
- Easy isolation from various samples
- Easy to use under clean bench

✗ Requires no centrifugation

✓ Usable with a multichannel pipette

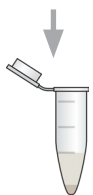
2019-nCoV RNA Extraction Protocol

Virus RNA Extraction from sputum



*recommended

99 % ethanol



Vortex •
spin down

Lysate

**Set into the device
QuickGene-Mini480**

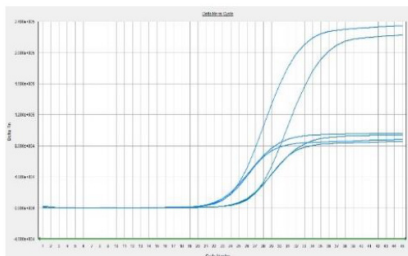
1. Apply the lysate into the cartridge
2. Pressurizing
3. Wash 1 time by Wash Buffer (WRT)
4. Pressurizing
5. DNase treatment
6. Wash 2 times by Wash Buffer (WRT)
7. Pressurizing
8. Add selected volume of Elution buffer(CRT)
9. Pressurizing
10. Total RNA

Protocols are also available for Nasopharyngeal swab or/and oropharyngeal swab with and without Carrier RNA, TCEP and DNase

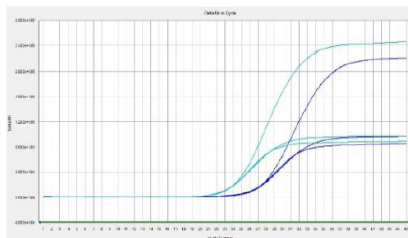
2019-nCoV RNA Extraction Result

Virus RNA Extraction from swab(2019-nCoV positive control added) **without** Carrier RNA, TCEP and DNase

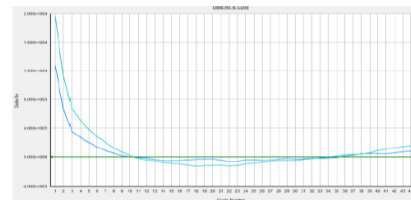
KURABO QG RT S2



D Brand Virus RNA Extraction Kit IVD



Negative control (KN, DN)



Real time RT PCR

Device: Roche Cobas 4800

Kit: DAAN Gene Co., Ltd
2019-nCoV (ORFlab/N)

Real time PCR IVD KIT

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

Ordering Information

Wako Code	Product name	Package size
638-23609	QuickGene RNA tissue kit SII	96 tests
634-46269	Quick Gene AS-RT AutoS RNA Tissue Kit	48 tests
207-20151	0.5 mol/L TCEP Solution, Neutral pH *	1 ml
203-20153	0.5 mol/L TCEP Solution, Neutral pH *	10x 1 ml
636-31579	QuickGene-Mini480	1 unit
631-46159	QuickGene-Auto12S	1 unit
638-46169	QuickGene-Auto24S	1 unit

*recommended

Listed products are intended for laboratory research use only, and not to be used for drug, food or human use. / Please visit our online catalog to search for other products from FUJIFILM Wako; <https://labchem-wako.fujifilm.com> / This leaflet may contain products that can not be exported to your country due to regulations. / Bulk quote requests are welcome. Please contact us.

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