

IVD CE
According to IVD Other (Not Included in Annex II List)
98/79/EC of the European Parliament on In Vitro Diagnostic Medical Devices

bosphore

Novel Coronavirus (2019-nCoV) Detection Kits



- Multiplex Real-Time PCR technology
- IVD CE Mark according to the Directive 98/79/EC
- Internal control through extraction and Real-Time PCR
- Ability to detect multiple target regions
- High sensitivity
- %100 specificity

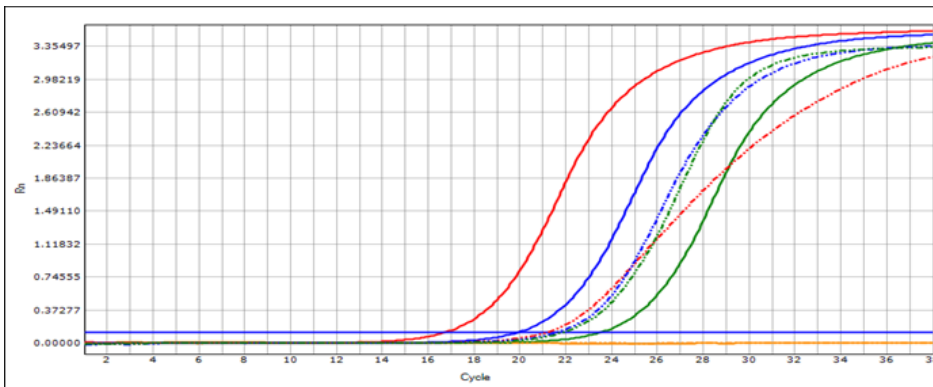


Fig. 1: Amplification Curve of a Bosphore® Novel Coronavirus (2019-nCoV) Detection Kit

Bosphore Novel Coronavirus (2019-nCoV) Detection Kit includes two master mixes detecting two separate regions:

- ❑ E gene is used for screening purpose, where 2019-nCoV and also the closely related coronaviruses are detected.
- ❑ The orf1ab target region is used to discriminate 2019-nCoV specifically.

Master Mix 1:

FAM: Detection of orf1ab

HEX: Internal Control

Master Mix 2:

FAM: E gene screening

HEX: Internal Control

Sensitivity: 18 copies/rxn

Bosphore Novel Coronavirus (2019-nCoV) Kit v2 is a single master mix version of the kit (employing FAM, HEX and Cy5 filters).



FAM: Detection of orf1ab

HEX: Internal Control

Cy5: E gene screening

Sensitivity: 25 copies/rxn

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