

Information

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EurobioPlex SARS-CoV-2



Special application for the efficient lysis of swab samples

- Time and cost efficient
- Independent from availability of extraction material
- Discharge of extraction system
- Protocol for lysis submitted for CE-IVD

Lysis protocol for fast and efficient preparation of sample material within 10 minutes (see flow chart).

Add 50µl lysis worksolution into each tube/well

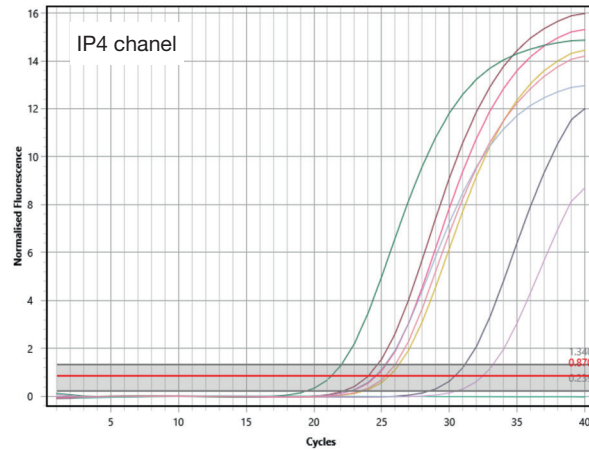
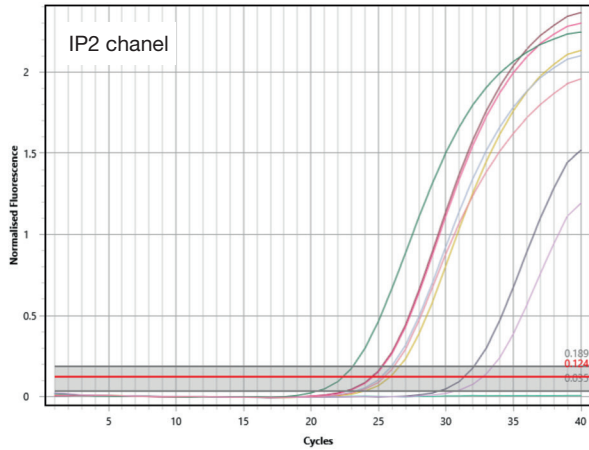
Add 50µl sample into each tube/well

Mix carefully

Incubate for 10 minutes at room temperature

Centrifuge (2'000 x g/30 seconds)

Pipette 5 µl of supernatant into the mastermix



From total 52 clinical swab samples transferred into PBS, 9 positive samples and 43 negative samples were correctly determined.

Test principle	SARS-CoV-2 Pathogen Detection
Technology	Real-time RT-PCR
3 targets on 2 genes	2 highly conservative regions of RdRp gene (IP2 and IP4) and N gene
Sample type	Nasopharyngeal aspiration, nasal swab, broncho-alveolar fluid, sputum, saliva
Controls included	Positive control, negative control and internal control
Duration process	1 hour 15 minutes
Validated on	LC480®, ABS 7500®, ABS QS5®, CFX96®, DTprime
Cross reactivities	58 samples: CoV NL63 (7 samples), CoV OC43 (8 samples) and in addition Adenovirus, RSV A+B, Influenza A+B, Parainfluenza, Rhino-virus, hMPV, Boccavirus, Legionella, Mycoplasma pneumoniae, Bordetella (all strains), Parechovirus (Type 1-6), Enterovirus
Sensitivity	> 99% (116/116)
Specificity	98.6% (69/70)
Concordance	99.5% (184/185)
Description	EurobioPlex SARS-CoV-2 Multiplex
Produced by	Eurobio-Scientific, Les Ulis, France
Certification	CE-certified IVD assay
Packaging	192 reactions
Reference	EBX-041-192

Für weitere Informationen wenden Sie sich bitte an:
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