

PentaBase Covid-19 Lab

Draft proposal that include equipment and installation on site, near or at Aalesund Airport, Norway, made available by the buyer. PentaBase offers a mobile 'all-in-one' COVID-19 Lab to combat the coronavirus outbreak and stop chains of infection where you need it.

Benefits

- COVID-19 testing on site – exactly where you prefer!
- High capacity and fast answering time
- Used in more than 1 million tests

Covid-19 lab as a response unit

The lab is designed as a movable response unit ready for deployment and is designed for a throughput of +1.500 daily tests that includes all facilities needed for running a professional lab anywhere.

Designed for CoviDetect™ COVID-19 Multiplex RT-qPCR Assay. This assay excels at its accuracy and high speed throughput.

The setup have an optimized cycle time (from delivery of sample to finished report) of 2 hours. For 50 samples the setup expected cycle time of 3 hours from delivery of first of 50 samples to reports. The daily capacity is approx 1.500 tests.



On location where you need it



Average test answer time is less than 2 hours



Additional test capacity of 1.500 per day



Contact

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Mobile response unit includes:

- BasePurifier™ Nucleic Acid Extraction System
- BaseTyper™ Real-Time PCR Instrument. 48 well block with 4 channel detection
- BaseScan workflow custom software, 2d scanner, computer
- Plate set up for lot system 12x units
- Label printer, computers and custom software
- Biological safety cabinets
- Safety equipment
- Fridge and Freezer

Ready in two weeks

Because PentaBase has own instruments and a working supply chain can the lab be ready already from week 36 year 2020.

Cost pr unit

Throughput of upto 1.500 tests per day cost DKK 1.25 million.

Who is PentaBase?

PentaBase is a knowledge-based, ISO-certified real-time PCR focused company established in 2006.

During the COVID-19 pandemic, PentaBase has specialised in producing COVID-19 assays and manufacturing instruments based on real-time PCR technologies.

The PentaBase COVID-19 test is based on PentaBase's proprietary, patented technology and the CoviDetect™ COVID-19 Multiplex RT-qPCR assay is validated in collaboration with Rigshospitalet, the City of Copenhagen and Novo Nordisk.

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