

Annex 1- Technical Specifications and Quantity

Reagents & Consumables (NCDC)

Description: PCR reagents and consumables specific to the use of the Roche LightCycler 480 instrument. Only the below listed Roche products (<https://lifescience.roche.com>) are sufficiently compatible with the existing instrument and diagnostic system at the partner institute.

Kit: LightCycler FastStart DNA MasterPLUS HybProbe

- Application: LightCycler® FastStart DNA MasterPLUS HybProbe is designed for PCR applications using the LightCycler® Carousel-Based System. The kit is ideally suited for hot start PCR applications. The kit can also be used in conjunction with heat-labile Uracil-DNA Glycosylase to prevent carryover contamination during PCR.
- 1,920 reactions of 20 µl (Roche catalogue number: 03752178001)
- Quantity required: 1 Kit

Enzym: LightCycler Uracil-DNA Glycosylase

- Application: LightCycler Uracil-DNA Glycosylase is used to prevent carryover contamination of PCR products that have been amplified in the presence of dUTP.
- 100 U/50 µL (Roche catalogue number: 03539806001)
- Quantity required:: 4 pcs

96-Well Platten: LightCycler 480 Multiwell Plate 96, white

- Application: LightCycler 480 Multiwell Plates 96, white, are used for real-time PCR and melting curve analysis applications with the LightCycler 480 Instrument, 96-well version, and the LightCycler 96 Instrument.
- Pack size: 5 x 10 plates (Roche catalogue number: 04729692001)
- Quantity required: 2 packs

Stripes: LightCycler 8-Tube Strips (white)

- Application: LightCycler® 8-Tube Strips (white) are used for SYBR Green I, ResoLight dye and hydrolysis probe-based assays on the LightCycler® 96 Instrument or LightCycler® 480 Instrument.
- Pack size: 10 x 12 white strips and clear caps (Roche catalogue number: 06612601001)
- Quantity required: 1 pack