FACULTAD DE
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LABORATORIO DE GENOMICA VIRAL Y HUMANA
FACULTAD DE MEDICINA
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Primer Design Genesig Q16
Real-Time Thermal Cycler

Photographic documentation of equipment acquired through the Mexican National Science & Technology Council (CONACYT) 2019 grant #0299608 “Upgrade and Maintenance of Molecular and Biosafety Infrastructure: Human & Viral Genomics Laboratory, UASLP School of Medicine”.

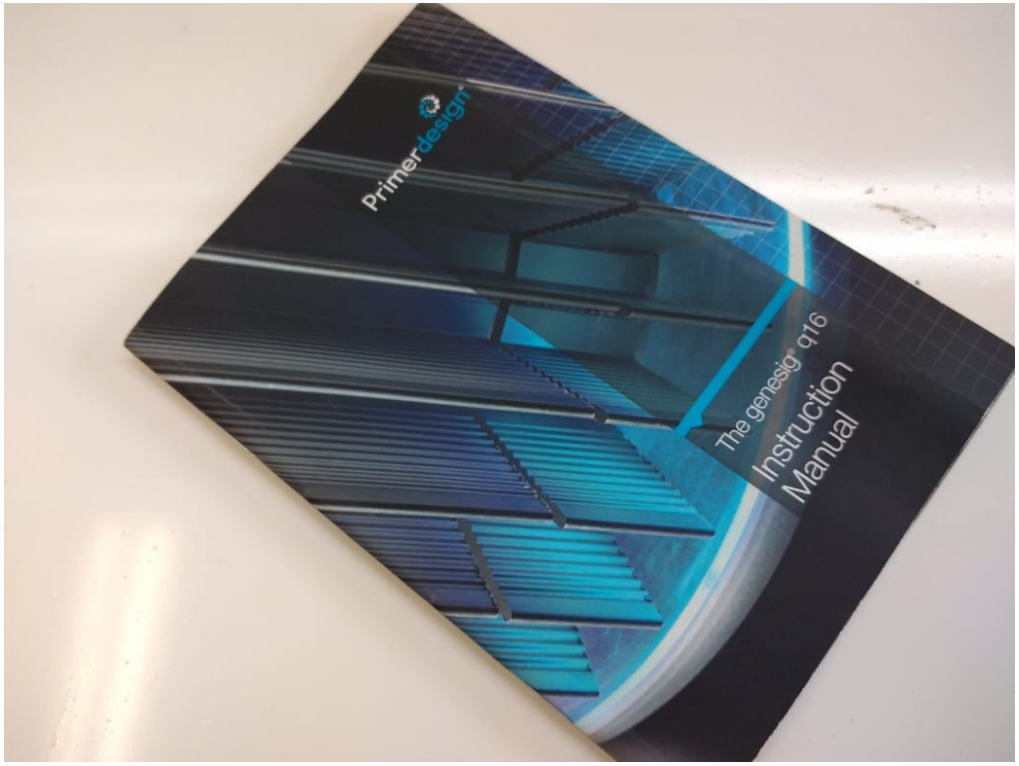
Real-Time Thermal Cycler

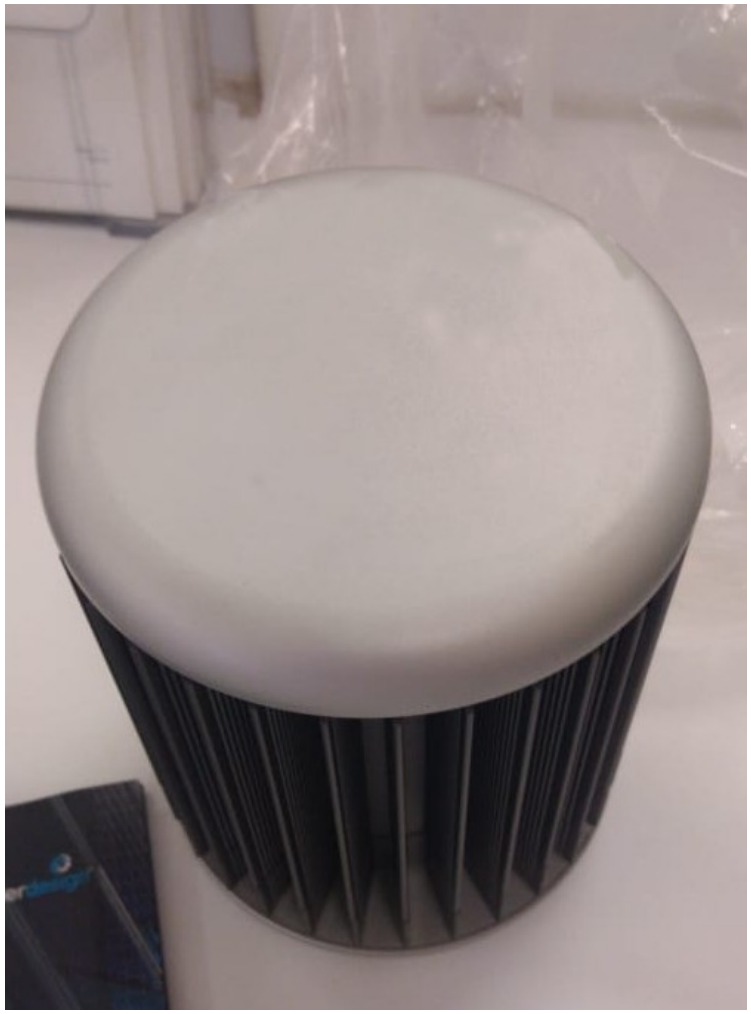
A real-time thermal cycler, also known as quantitative thermal cycler (qPCR), is a molecular biology laboratory instrument based on the polymerase chain reaction (PCR). It monitors the amplification of a targeted DNA molecule during the PCR (i.e., in real time), as opposed to end point thermal cyclers which do so at the very end of the run. Real-time PCR can be quantitative or semi-quantitative as well as absolute or relative.

The grant provided $350,000 MXN ($18,561 USD) for the acquisition of a single portable, compact military-specification and full-featured real time thermal cycler for field work. After requesting quotes a single PrimerDesign Ltd. genesig q16 Real-Time PCR Instrument (Cat. No. Z-genesig-q16) was acquired through Accesolab SA de CV.

The genesig q16 is a revolutionary instrument launched by Primerdesign Ltd. The instrument is designed to accompany the genesig Easy product range which includes kits for more than 550 different DNA testing applications. The genesig q16 is designed to make DNA testing affordable and easy for anyone in any business. The genesig Easy product range includes tests for a massive range of applications: Food and Water testing, Veterinary Diagnostics, Human Infectious Disease Screening and Biothreat Detection.

Real-Time Thermal Cycler





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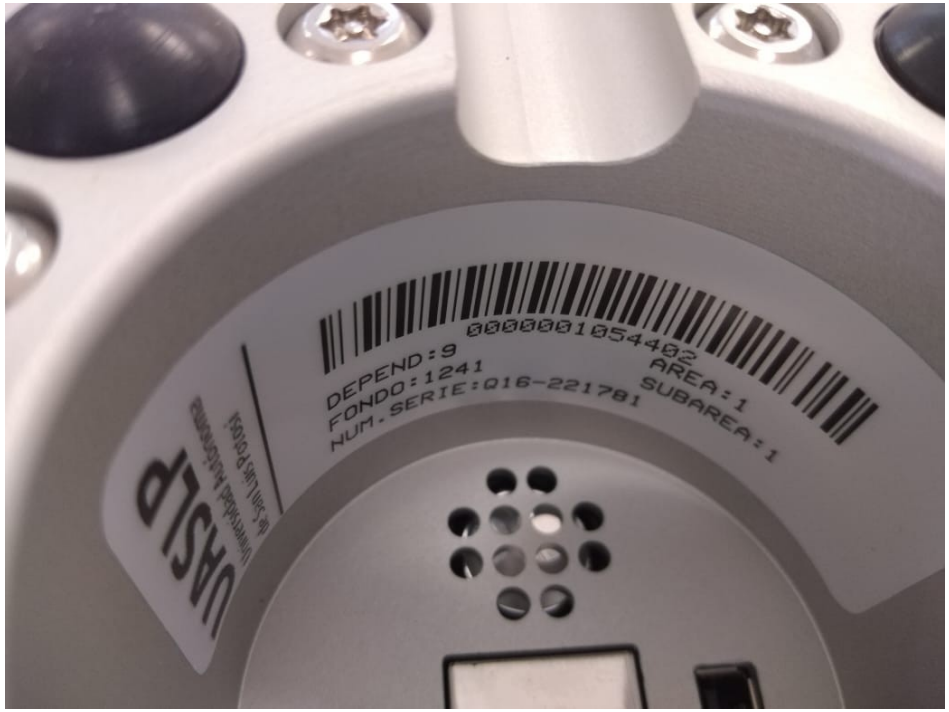

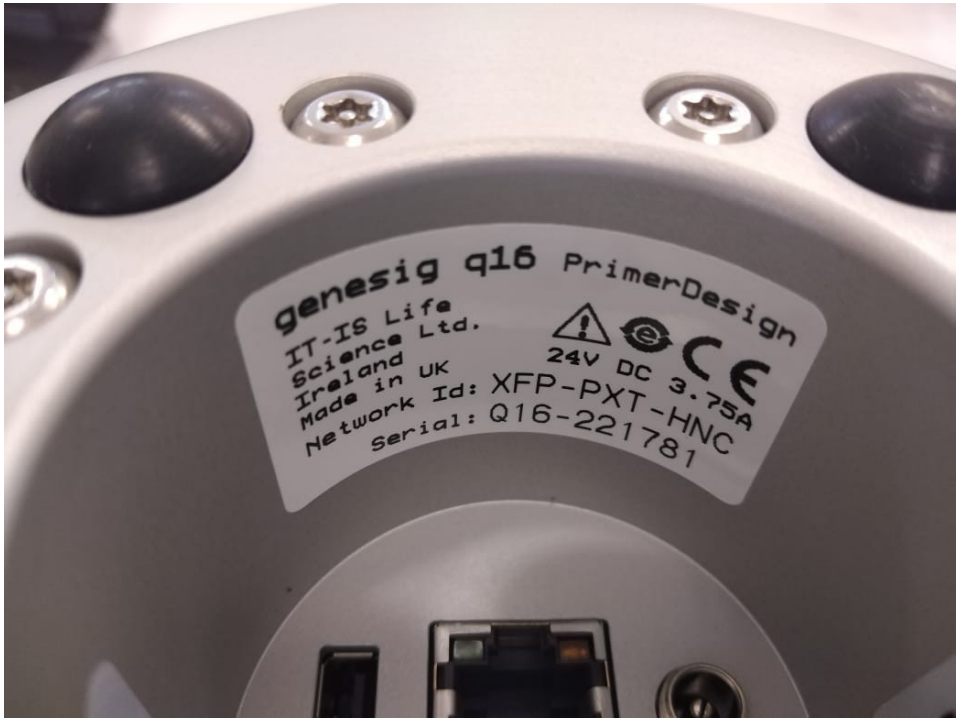

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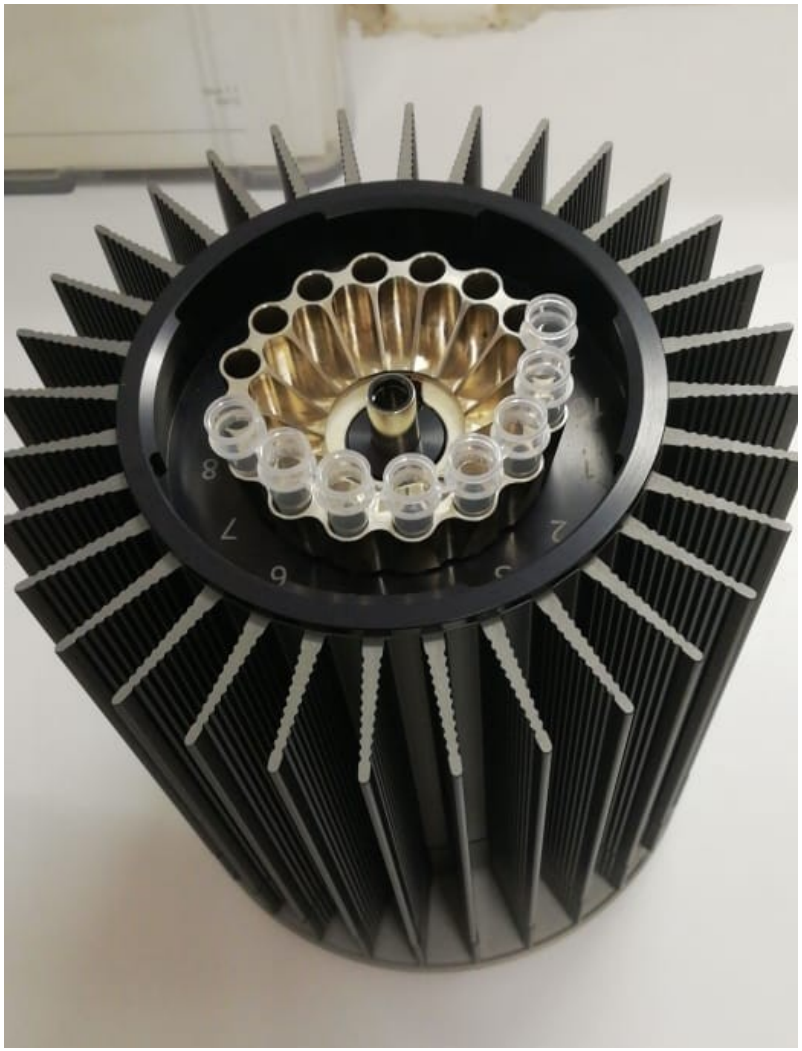

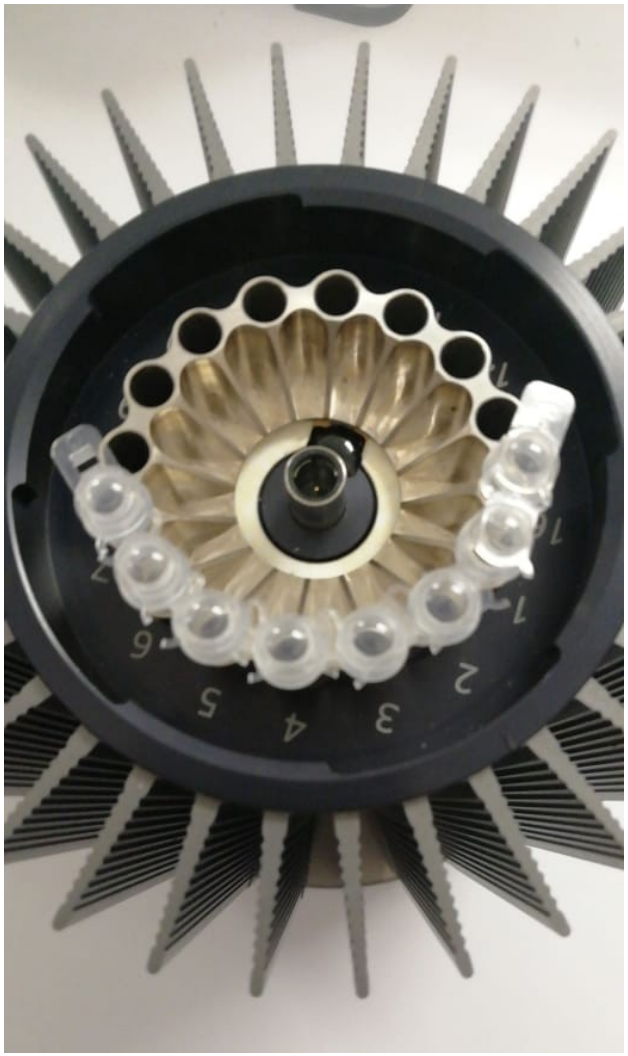

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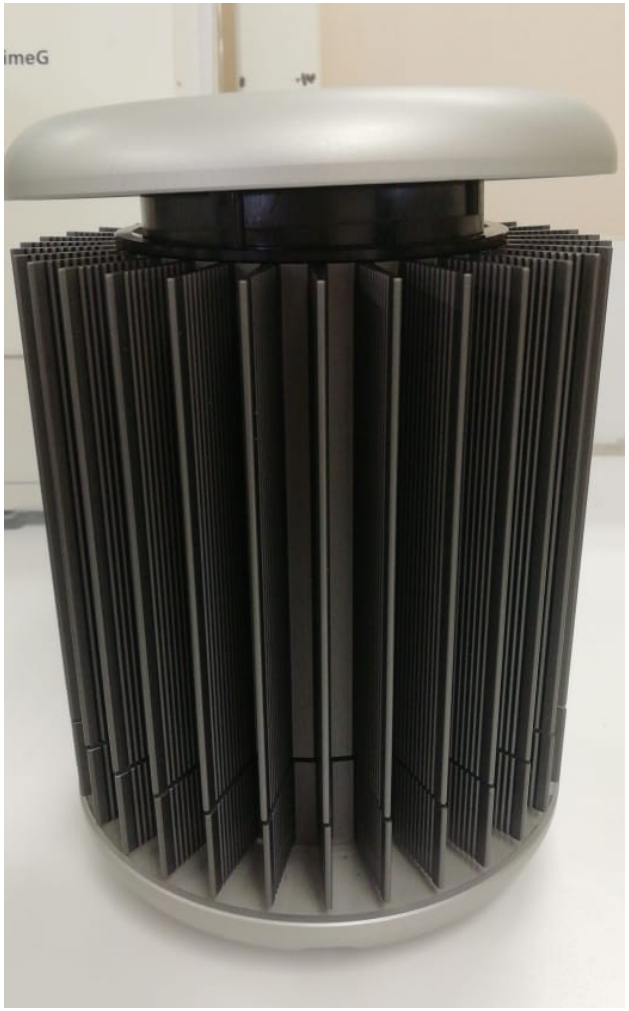

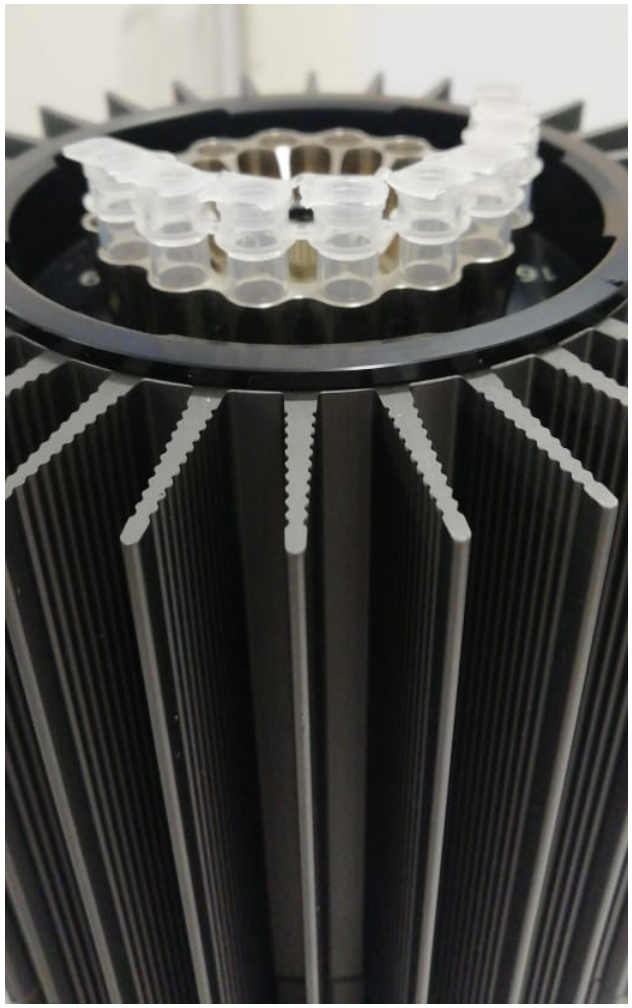

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CONVOCATORIA 2019

Apoyos para Adquisición y Mantenimiento de Infraestructura en Instituciones y Laboratorios de Investigación Especializada

Consejo Nacional de Ciencia y Tecnología (CONACYT)

Proyecto "*Actualización y Mantenimiento de Infraestructura Molecular y de Bioseguridad: Laboratorio de Genómica Viral y Humana de la Facultad de Medicina UASLP*." (Fondo: F0003 Convocatoria F0003-2019-04, Modalidad A15 Infraestructura en CTI y servicios asociados a infraestructura, Solicitud 299608)

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