FACULTAD DE MEDICINA UASLP

LABORATORIO DE GENOMICA VIRAL Y HUMANA
FACULTAD DE MEDICINA
UASLP

AppliedBiosystems MiniAmp Plus 96 Well Gradient End-Point Thermal Cyclers

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”.

End-Point Thermal Cyclers

The thermal cycler (also known as a thermocycler, PCR machine or DNA amplifier) is a laboratory apparatus used to amplify segments of DNA through the polymerase chain reaction (PCR). Thermal cyclers may also be used for other temperature-sensitive reactions, including restriction enzyme digestion and rapid essays. The device has a thermal block with holes where tubes holding the reaction mixtures can be inserted. The cycler then raises and lowers the temperature of the block in discrete, pre-programmed steps.

The grant provided $400,000 MXN ($21,200 USD) for the acquisition of two thermal cyclers. However, after requesting quotes four Applied Biosystems (ThermoFisher Scientific) MiniAmp Plus thermal cyclers ((Cat. No. A37835) were acquired through CTR SA de CV.

The MiniAmp™ Plus Thermal Cycler is an endpoint thermal cycler, specifically designed for the amplification of nucleic acids using the Polymerase Chain Reaction (PCR) process. The user interface includes a touchscreen with a graphical display that shows the time, status, and temperature for each run. A touchscreen keypad allows you to enter information into fields on the display screen.

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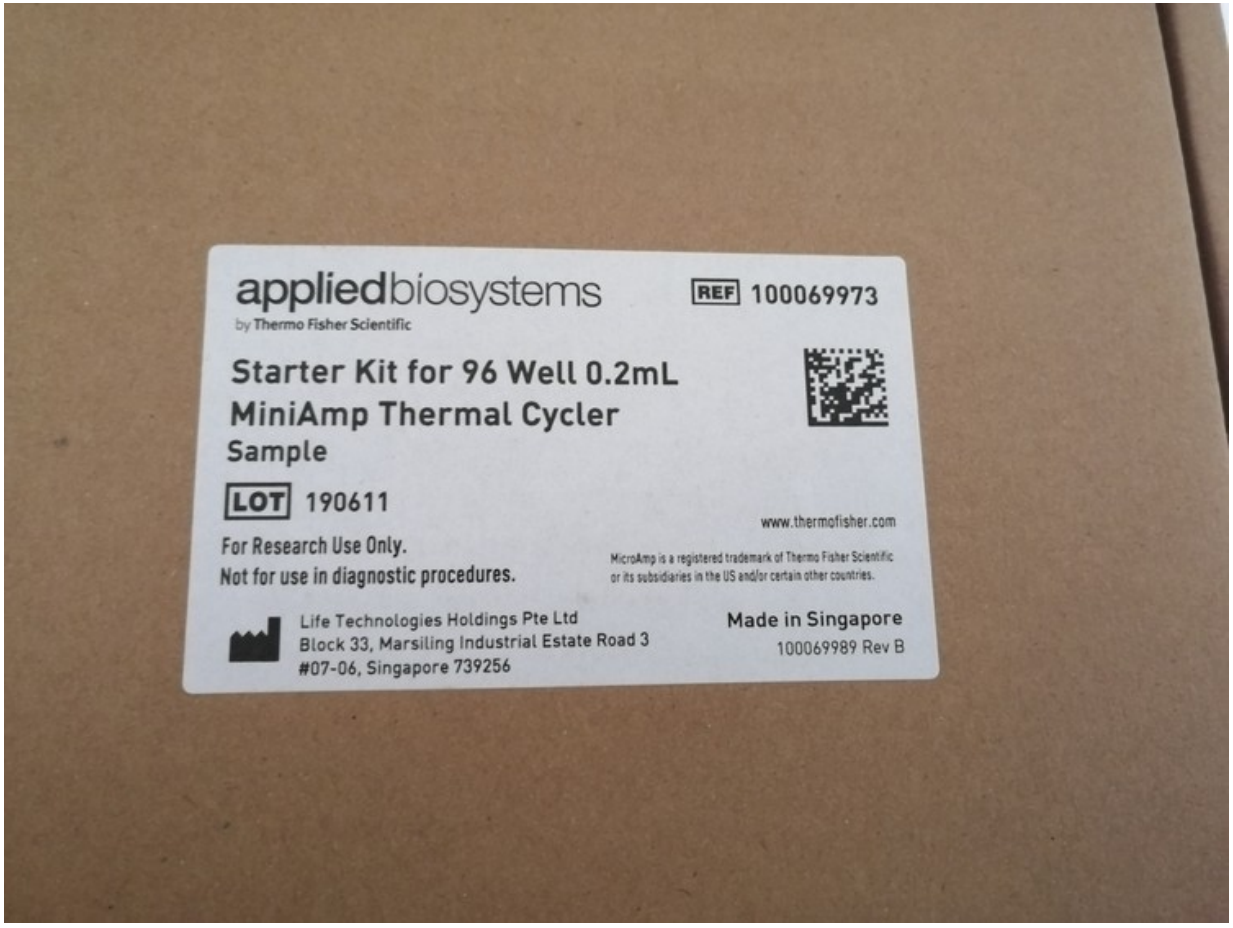

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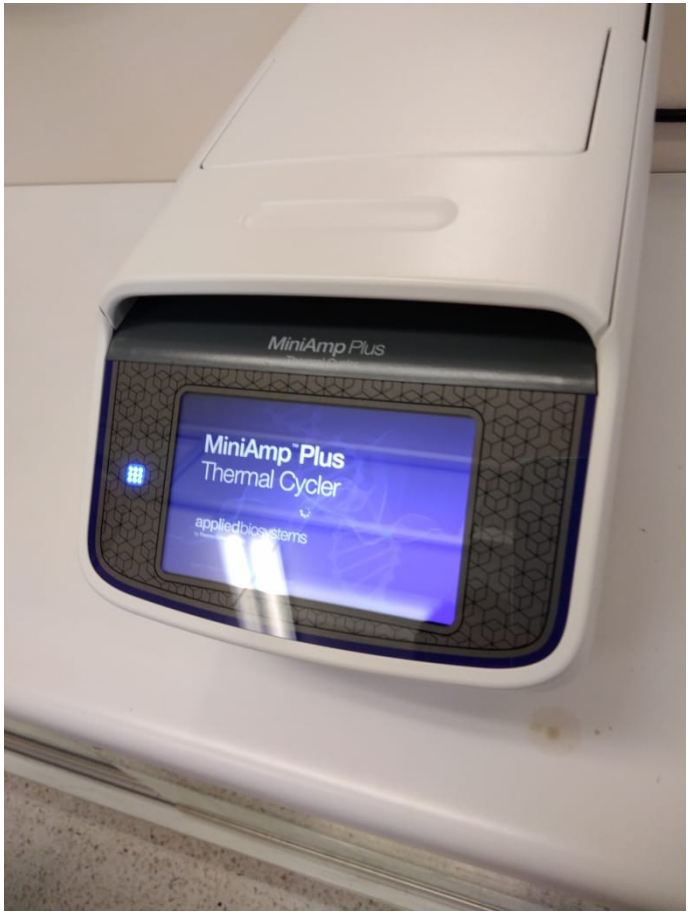

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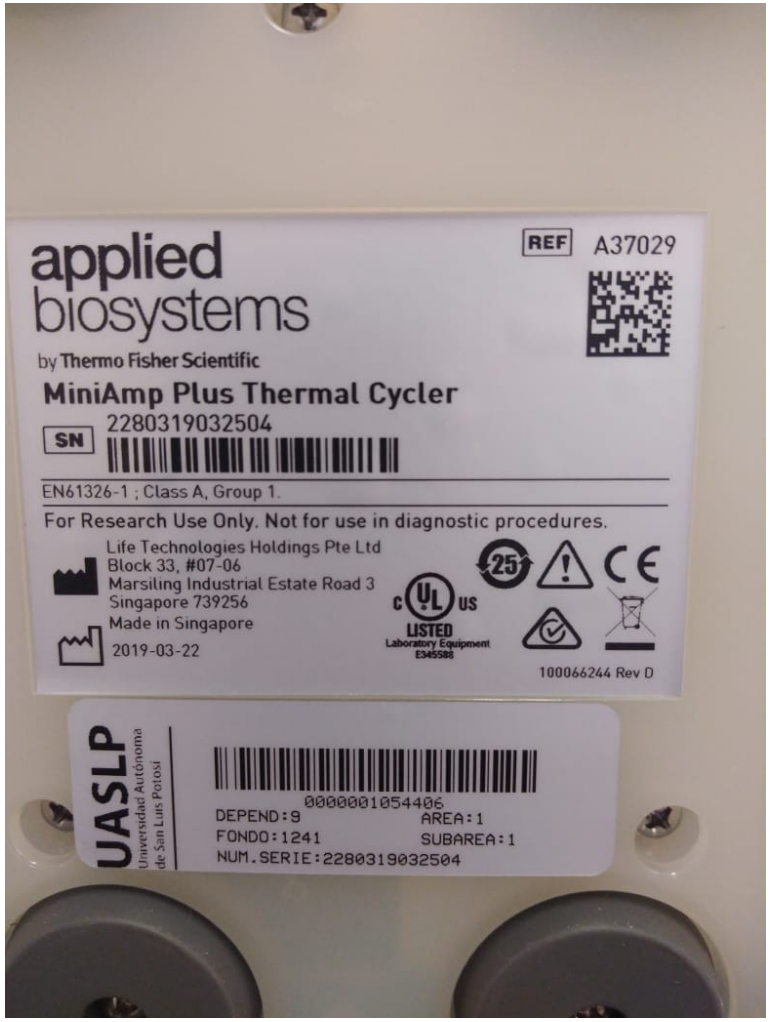

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CONVOCATORIA 2019

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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