

Valtria's projects

Qiagen BCN manufactures the cartridges used to perform PCR analysis. With the arrival of the Pandemic, the pathogen was incorporated into the panel: Respiratory SARS-CoV-2 for the detection of Covid. Thanks to Valtria's great collaboration, it was possible to expand the facilities, thus being able to house more equipment and to triple production in record time.

Recently 9 new laboratories have been completed, some of them with PTH control, which will allow us to continue growing in the manufacture of chemicals that incorporate the panels and to continue developing new panels for new diseases, such as Meningitis.

QIAstat-Dx is a device that uses real-time PCR technology, and that works as a closed system that allows the automated preparation of samples, followed by the detection and identification of nucleic acids.

Currently, QIAstat has 2 panels:

- The QIAstat-Dx Respiratory SARS-CoV-2, is the expanded version of the multiplex respiratory cartridge that detects 22 different targets between viruses and bacteria that affect the respiratory system, including SARS-CoV-2. The diseases that are detected are: adenovirus, enterovirus, metapneumovirus, coronavirus, influenza, respiratory syncytial virus A/B, parainfluenza and B. pertussis.
- The QIAstat-Dx Gastrointestinal panel for patients with suspected gastrointestinal infection, which detects 24 different targets between viruses, bacteria and parasites in approximately one hour. The diseases that are detected are: Salmonella spp, adenovirus, norovirus GI/GII, Giardia lamblia, C. difficile, E. coli, and cryptosporidium spp.

SSL1/SSL2

Remodelling of the first SSL1 production line located on the ground floor of the building, with a total of 282m² and rooms with ISO8 and ISO7 classification, in this same production line, but in the basement we built new changing rooms, personnel rooms, storage rooms, a warehouse and two laboratories with a total of 290m² and rooms with ISO8 and ISO7 classification, to make this connection we incorporated a staircase that finally became a success.

The following images show the process of connecting the ground floor with the basement:



SSL3

New SSL3 production line located in the basement of the building with a total of 394m² and rooms with ISO8 and ISO7 classification, where we can find changing rooms, personnel rooms, storage rooms, cleaning rooms and the production lines themselves.

The following image shows the location after the debris removal and cleaning work has been completed:



The following images show the fully completed SSL3 production line:





The following images show the distribution and final appearance of the technical rooms (engine room and electrical panel room).



D81-D84 LABORATORY

New laboratories located on the ground floor of the building with a total of 254m² and rooms with ISO8 classification, where we can find the entrance changing rooms, cleaning rooms, laboratories and instrumentation rooms.

The following image shows the work in full execution process:



The following image shows the fully completed D81-D84 LABORATORIES:



Finally, and as a summary, it has been a very intense year, but the results speak for themselves, it has been a success both economically, technically, and in terms of safety.

As a final photo we have a really happy client, with a contracted amount of €5,200,000 and with a much stronger relationship than the one we had previously.