

Viroclinics Xplore

VIROCLINICS POLIO LABORATORY FOR DIAGNOSTICS, RESEARCH AND (PRE)CLINICAL TRIALS

With poliovirus type 2 and type 3 officially declared eradicated in 2015 and 2019, polio is on the brink of eradication. Only poliovirus type 1 remains at large. To minimize the poliovirus facility associated risk after eradication of wildtype polioviruses and sequential cessation of oral polio vaccine use, the WHO has installed a Global Action Plan (GAP III). Under GAP III, only facilities certified as a Polio essential facility (PEF) maintain the ability to work with (potentially) infectious polio material.

Viroclinics Xplore is proud to announce it has been granted with the Certificate of Participation to operate as a PEF and it is now further positioning as a Polio Laboratory for Diagnostics, Research and Trials. With its 5000 ft² dedicated GAP III compliant polio facility Viroclinics can safeguard the proper handling of polio diagnostics and research which will contribute to the eradication of polio.

Early-stage research, preclinical and clinical diagnostics services are offered for vaccine manufacturers, research and diagnostic institutes and companies in need to screen their samples for the (potential) presence of poliovirus. A broad array of samples including live poliovirus, serum and stool samples can be analyzed.

ABOUT VIROCLINICS

Viroclinics operates at a global level, being the preferred virology testing laboratory for several of the Biopharmaceutical top-10 companies. Its services as a virology contract research organization including preclinical, clinical diagnostics, assay development, and biological sample logistics. Our 300 well-trained dedicated scientists and technical experts offer best-in-class virological services.

We offer the following services



18,000 ft² Preclinical Laboratory Area

- Virus titration/quantification using fully validated CCID50 protocols
- Quantitative virus detection using fully validated qPCR protocols
- Neurovirulence testing through a certified and validated assay in transgenic mice (PVR21)
- Virus neutralization fully validated on 9 strains (Wildtype, Sabin and S19)
- Several species are available for preclinical testing
- Mutational analysis of (whole genome) poliovirus through Deep sequencing (NGS)
- Top class logistical services to get the samples to our facility
- Storage of samples and (vaccine) virus stocks
- Research and Development include working with Organoids