

CASE STUDY - ASSAY DEVELOPMENT FOR DIAGNOSTICS

SITUATION

A project from a world-top pharmaceutical company was to develop a veterinary diagnostics assay. The diagnostic assay is to detect the presence of pathogens by molecular method.

Challenge:

Despite their knowledge and expertise, the pharmaceutical company was lack of manpower to achieve their milestones within the set timeframe, so there was a need to look for a care-free solution externally.

SOLUTION

After several workshops with the client, our interdisciplinary scientist team worked out a project workflow based on their needs, with the following steps,

- designed the proof of concept experiments
- optimised sample preparation for PoC
- designed probes
- developed assays which were compatible with PoC platform
- generated a validation plan
- carried out multiplex genomic research in our Biosafety class II lab
- monthly reports, frequent phone calls
- full set of reliable experimental data.

RESULT

OneWorld was able to develop a molecular diagnostics assay, transferring it to PoC platform

(single- & multiplex) and validating of final product. The client was perfectly satisfied with our milestone-based approach and on-scheduled experimental plan. We also provided regular update reports with data during the whole work process and after service support.

ABOUT US ●

OneWorld Diagnostics is a German biotech company which focuses on diagnostics solutions and R&D tools and products. With our professional services and customised research solution, OneWorld Diagnostics is a trusted contract research organisation specialising in diagnostic assay development and tech transfer. We are the trusted partner of one of the Top 5 international pharmaceutical companies. We are also the strategic partner of Fosun Pharmaceutical, one of the top Chinese pharmaceutical companies.

OUR STRENGTH ●

With our interdisciplinary scientist team, we understand your need and deliver flexible, fast and professional one-stop-solutions.