

Successful Implementation of the BÜHLMANN fPELA® turbo on Roche cobas® c502



A report from Dr. Marc-Antoine Bagnoud*, Dianalabs in Geneva, Switzerland

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Dianalabs is a mid-sized private lab founded in 1988 in Geneva, Switzerland, and part of the large swiss lab network Medisupport group with a total of 900 employees. Dr. Marc-Antoine Bagnoud, laboratory director of clinical chemistry at Dianalabs talked with us about the successful evaluation and implementation of the BÜHLMANN turbidimetric faecal pancreatic elastase assay, fPELA turbo in his laboratory.

Dianalabs in Geneva already applies BÜHLMANN fCAL® turbo, the turbidimetric assay for measuring faecal calprotectin, on their Roche cobas® c502 for over 5 years in routine. When the BÜHLMANN fPELA® turbo was launched in 2020, Dr. Bagnoud and his team also evaluated and implemented the immunoturbidimetric faecal pancreatic elastase assay in their laboratory.

What were the reasons for implementing the BÜHLMANN fPELA® turbo on your Roche cobas® c502 chemistry analyser?

One of the main reasons for the implementation of the BÜHLMANN fPELA® turbo was the easy handling of the extraction device, CALEX® Cap, and its direct application on the cobas® chemistry analyser without any additional handling steps. The CALEX® Cap developed by BÜHLMANN is ideal for extracting faecal samples and the analysis thereof on automated platforms.

Our aim was to avoid separated faecal sample preparation protocols for pancreatic elastase and calprotectin. We intended to combine it in the same work step. Although the two markers stand for different diagnoses, both markers are frequently requested at the same time.

With the implementation of the pancreatic elastase assay, we could terminate outsourcing the pancreatic elastase analysis. Furthermore, it allowed us to simplify the complete process of stool sample preparations.

The possibility to measure faecal calprotectin and pancreatic elastase from the same extract with the CALEX® Cap extraction device was a key factor for applying the BÜHLMANN fPELA® turbo on our cobas® analyser.

How about the implementation of the BÜHLMANN fPELA® turbo in your lab, did it go smoothly?

Since the assay installation was the first one on a Roche cobas® analyser, the two companies, Roche Diagnostics and BÜHLMANN, worked together to install the new method. This coordination was efficiently led by BÜHLMANN without affecting our usual routine work. Since going into routine, the BÜHLMANN fPELA® turbo runs very smoothly on our cobas® analyser.

“The CALEX® Cap extraction device is fast and easy to handle.”

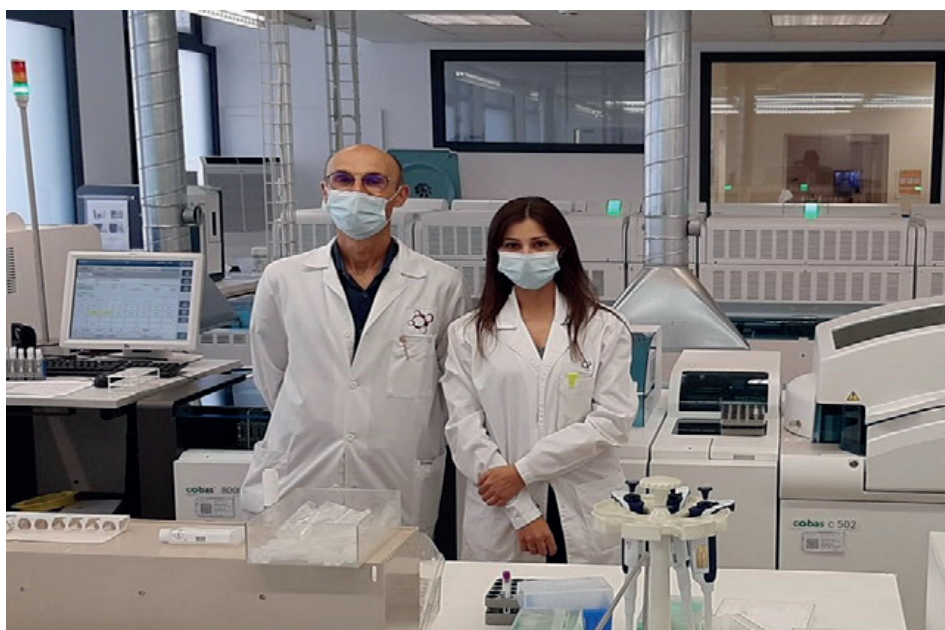
What are your experiences with the BÜHLMANN fPELA® turbo in daily routine?

A very important point was to obtain speedier results as compared to when the analysis was outsourced. The procedure with the CALEX® Cap extraction device is fast and easy to handle. We use the faecal extraction daily and report the results within the day.

Finally, we hope you are satisfied with the service and support offered by BÜHLMANN?

We are very satisfied with the support and competence of BÜHLMANN, and they always supported us whenever we had questions and need for advise.

To find out more about BÜHLMANN fPELA® Turbo please visit www.alphalabs.co.uk/fpela



Dr. Marc-Antoine Bagnoud, Laboratory director of clinical chemistry at Dianalabs, Geneva, Switzerland

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