

Optimisation of Lab Processes by Introducing the BÜHLMANN fPELA® turbo on Beckman Coulter AU 5800



Testimonial from Angela Suter and Dr. Cyril Fuhrer*, Synlab Suisse SA, Lucerne, Switzerland

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You are successfully performing routine faecal calprotectin measurements with the BÜHLMANN fCAL® turbo Assay on the Beckman Coulter AU 5800. What are your experiences with applying a CALEX® Cap faecal extract onto a high throughput analyser in your routine?

The test is running stably, with high precision and the handling of stool extract has been integrated into the day to day work of the high throughput analyser without problems and is part of our daily routine.

What are the main reasons to adapt your testing of faecal pancreatic elastase by introducing the fPELA turbo assay by BÜHLMANN?

Mainly the need for optimisation of the lab processes and slimming the procedure of testing this analyte. The formerly used ELISA based platform only allows for a batch-wise procedure, which was the major drawback in our routine service. By switching to your application onto the Beckman Coulter AU 5800, we could finally establish Continuous-Flow Analytics which enables us to reach a way better turnaround time TAT. Also cost efficiency of running this analyte at SYNLAB could be improved.

...and how about the implementation in your lab, did it go smoothly?

As an ISO accredited lab (STS 156, ISO/IEC 17025:2017) we performed the evaluation according to our Quality Management regulations and that went very well, without delays. So, yes.



Angela Suter, Synlab Suisse SA, Lucerne, Switzerland

What about the method comparison to your previously used ELISA?

Altogether we could well switch, as the clinical interpretation of both methods fits.

SYNLAB uses the CALEX® Cap for stool extractions in fCAL preparations. We expect it is advantageous to work with this tool also with fPELA?

Yes, the availability of the same extraction procedure especially when both analytes are requested (in about 15-20% of cases), is a great advantage and simplification for the labwork indeed. And in the future, with the Home faecal Extraction Kit we can even go one step further in efficiency optimisation of our processes.

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

The Service and support offered by BÜHLMANN is excellent and this is yet another reason why we are also happy to recommend the BÜHLMANN fPELA® turbo assay.

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