



Do Ready-to-Use Antibodies Really Make a Difference?

Do ready-to-use antibodies really make an impact in the average laboratory? In the following quick Question & Answer session Jimmy Conheady, the Chief Medical Scientist at Connolly Hospital Blanchardstown, Dublin discusses the impact that ready-to-use antibodies have made in his laboratory.

Leica: How many antibodies do you have in your current antibody panel and what proportion of those are Bond™ ready-to-use primary antibodies?

Jimmy: 67 antibodies in the panel and 32 of these are Bond ready-to-use antibodies.

Why the switch to ready-to-use antibodies?

Leica: What made you decide to switch to using Bond ready-to-use primary antibodies?

Jimmy: We looked at RTUs because of staff shortages and difficulties recruiting new staff. RTUs have the advantages of ease of use, quality and price.

Leica: Why do you prefer using ready-to-use antibodies to antibody concentrates?

Jimmy: There is no definitive way of knowing the stability of an antibody once it has been diluted. Control tissue may not pick up on subtle changes in antibody deterioration once diluted. RTUs take away this worry and provide better standardization, and an expiry date from the manufacturer guarantees shelf life.

Also, potential errors from dilutions are eliminated and stock control is easier so a wider panel of antibodies can be stocked in a more cost efficient manner. It is easier to troubleshoot problems with RTUs, which is important as about 65% of lab cost is labor and RTUs free up time for staff to take on other tasks.

What difference has the use of ready-to-use antibodies made to your workflow and productivity?

Leica: What benefits have you seen as a result of using Bond ready-to-use primary antibodies?

Jimmy: The ease of use increases the efficiency of the Bond system. The quality is generally very good and we can stock rarely used antibodies confidently and in a more cost effective manner.

Leica: Has using Bond ready-to-use primary antibodies improved the workflow in your lab? If so, how?

Jimmy: Yes. The fact that antibodies do not have to be made up every day increases the speed in which the tests can be performed.

Leica: Has using Bond ready-to-use primary antibodies saved time for your lab? If so, approximately how much time have you saved?

Jimmy: Yes. Maybe between ½ and 1 hour every day.

Leica: Do you think you have less repeat testing as a result of using Bond ready-to-use primary antibodies? If so, how much less (approximately)?

Jimmy: Yes, approx. 90% less.

What about staining quality and antibody range?

Leica: Has the use of Bond ready-to-use primary antibodies increased the reproducibility of results in your lab?

Jimmy: Yes

Leica: Has the use of Bond ready-to-use primary antibodies improved your labs performance in quality assurance testing?

Jimmy: In general yes.

Leica: Overall, how would you rate the range and staining quality of Bond ready-to-use primary antibodies?

Jimmy: Excellent, no complaints with the Bond ready-to-use antibodies in our routine panel.

There are over 100 Bond ready-to-use antibodies developed with proven Novocastra™ clones. With “click-and-go” simplicity, the RTU range makes it easy to save time and improve quality in your laboratory. Do Bond ready-to-use antibodies really make a difference? YES!

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