

Analytical support with Gyrolab to process development for the production of monoclonal antibodies

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Gyrolab is used for routine assay of antibody during the development of manufacturing process from cell engineering to downstream processing. This specific method was implemented after its thorough qualification which has demonstrated satisfactory accuracy, intermediate precision and linearity. It was also compared to two other methods, Size Exclusion Chromatography and Homogenous Time Resolence Fluorescence which has shown assay results were identical, on a larger range than the two other methods. The implementation was a success thanks to the capacity of fast development of assay method (in days for any new IgG), the very large dynamic range, the good throughput, the reliability of operation and the reproducibility of the method.

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Example abstract, Gyrolab User Seminar, approx.160 words.