

Validation Of An ELISA To Quantify CBIFN α 2.3 Monoclonal Antibody Used In Recombinant Human Alpha Interferon Accurate Quantification



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ABSTRACT The recombinant human interferon α 2b (rec-hIFN α 2b) is used to treat cancer and viral infections such as SARS-CoV-2. The rec-hIFN α 2b quantification immunoassay uses as main biological reagent the CBIFN α 2.3 monoclonal antibody (mAb). However, this mAb recognizes a conformational epitope on rec-hIFN α 2 molecule, which constitutes an obstacle for monitoring CBIFN α 2.3 mAb production and thus a difficulty for rec-hIFN α 2b accurate quantification. One suitable solution for this drawback could be the addition of an inhibition step in CBIFN α 2.3 mAb...

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