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(54) **Title**: IMPROVED PROCESS FOR PRODUCTION OF MONOCLONAL ANTIBODIES

(57) **Abstract**: The present invention provides for an improved process to obtain substantial amount of monoclonal antibodies with desired profile of charged variants. The process involves initially culturing the mammalian cells at a suitable temperature and subsequently reducing the temperature and optionally by simultaneous addition of suitable amino acid(s) during production of the desired molecule. The present invention provides also provides for an antibody having desired profile of glycans prepared with said with improved process.