

A 012

Production of recombinant proteins in insect cells using the baculovirus expression system and comparative evaluation of cell culture media

The insect cell baculovirus system has received rapid and wide acceptance as a laboratory or small-scale system for production of production of proteins from recombinant DNA. In this study , the cell growth of *Trichoplusia ni* BTI-Tn-5B1-4 (High Five TM) were compzared in different media and the capability of expressing vascular endothelial growth factor (VEGF₁₆₅) as a model protein in High Five TM cells was investigated.

The tested media were TEX/Asn+S (supplemented with protein hydrolysates).