



Introducing a New Cell Line from Expression Systems

the Trichoplusia ni, Tni PRO, Cell Line

Developed for Those Who Require the Best In



Production- This cell line has a peak cell density of 9-10 x10⁶/ml. The population doubling time is 21 hours. Expression levels are competitive to other *Tni* cell types.

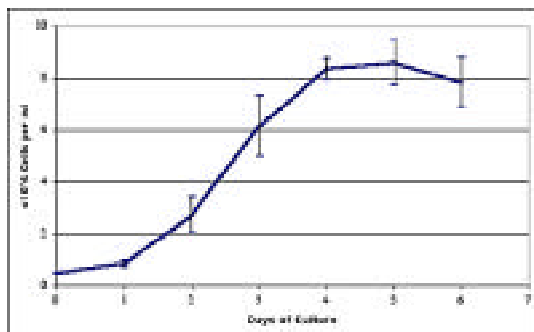


Regulatory Compliance- For manufacturing under GMP/FDA compliance with strong vendor support. Animal Free media manufactured under GMP conditions is available in bulk.



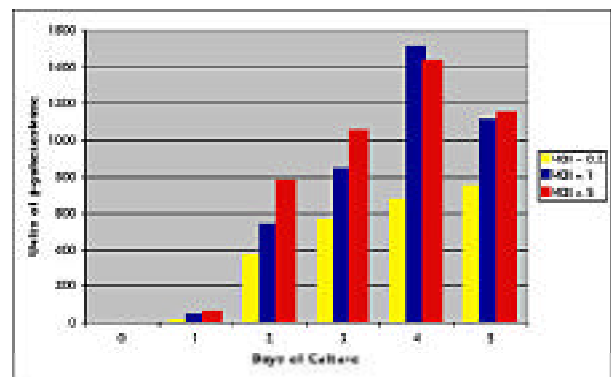
Optimized Systems- This cell line was derived in ESF AF and has never been exposed to animal or animal-derived media components. The exact date of extraction/isolation and passage number is known and documented.

Tni PRO Growth in ESF AF



Tni PRO Cells were inoculated into 50 ml ESF AF media in a 125 ml shake flask at a density of 5x10⁵ cells/ml. Samples were taken daily and counted using a hemocytometer.

β -Galactosidase Expression in *Tni PRO* Cells



Tni PRO Cells were inoculated into 50 ml ESF AF media in a 125 ml shake flask at a density of 2x10⁶ cells/ml. Cultures were infected at an MOI of 0.2, 1, or 5 using Bacpak6, a recombinant β -galactosidase expressing virus. Cells were collected daily, lysed and assayed for β -galactosidase activity using a commercially available kit from Promega. Units shown are per 10⁶ cells.