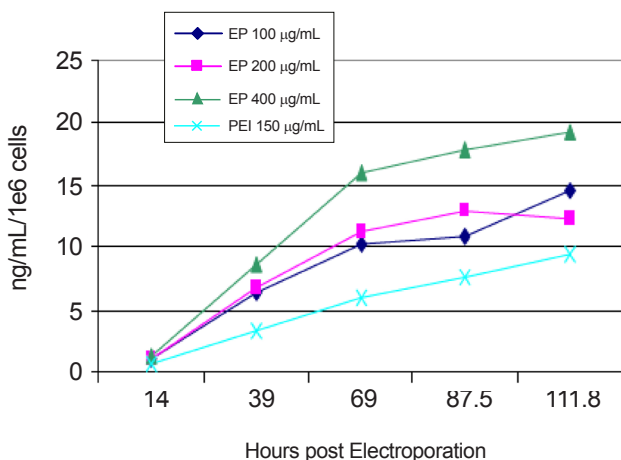


Transfection to the N^{th} Power.

Protein Production

Viral Protein Expression in HEK Cells



Superior Production of a Viral Protein using MaxCyte Electroporation. Suspension-adapted HEK 293F cells were transfected with varying concentrations of a viral coat protein expression plasmid using MaxCyte STX electroporation or using an optimized polyethylenimine (PEI) method. Cells were cultured for approximately 5 days. Culture media was collected without replacement at various times post transfection and protein titers measured via ELISA.

Spending too much time and money creating stable cell lines for protein production? The MaxCyte[®] STX[™] Scalable Transfection System provides a rapid, scalable method for transiently transfecting cells that can be used to produce proteins faster and more cost-effectively than stable cell lines. MaxCyte flow electroporation transfects up to 1×10^{10} cells, including adherent and suspension cell types commonly used for protein production, in a single run, to produce proteins in the quantities needed for pre-clinical drug development activities.

MaxCyte STX Scalable Electroporation

- • • Fully scalable, able to transfect 5×10^5 cells in seconds, up to 1×10^{10} cells in < 30 minutes
- • • Sustained expression of secreted, membrane-associated or cytoplasmic proteins
- • • Decreased reliance on stable cell lines
- • • Protocols optimized for protein production
- • • Compatible with primary cells, cell lines and other difficult-to-transfect cells

Contact us today to arrange a customized demonstration.