

Cell proliferation is essential for a variety of applications such as optimizing cell culture conditions and determining activity rates of cytokines and growth factors. Cell proliferation measurement can also be useful in assessing cell-mediated cytotoxicity, the efficacy of therapeutic compounds in drug screening, and the cytostatic nature of anticancer compounds in toxicology testing.

Our Cell Proliferation Assay Reagents are available for either colorimetric or fluorometric detection and provide a convenient one step method to monitor cell proliferation rates.

Our BrdU Cell Proliferation ELISA provides an alternative method to monitor cell proliferation by measuring the rate of incorporation of a labeled pyrimidine analog into the DNA.

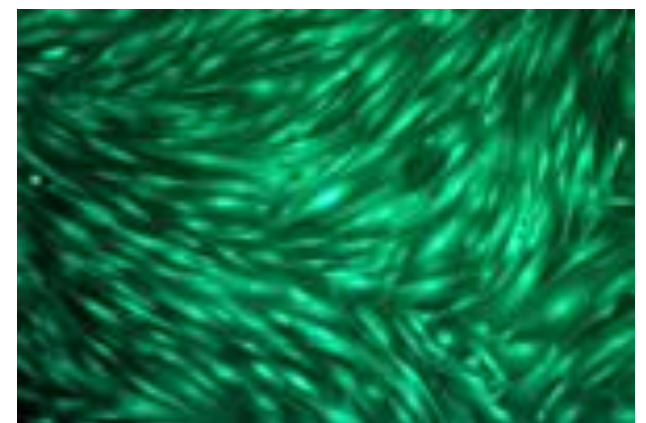
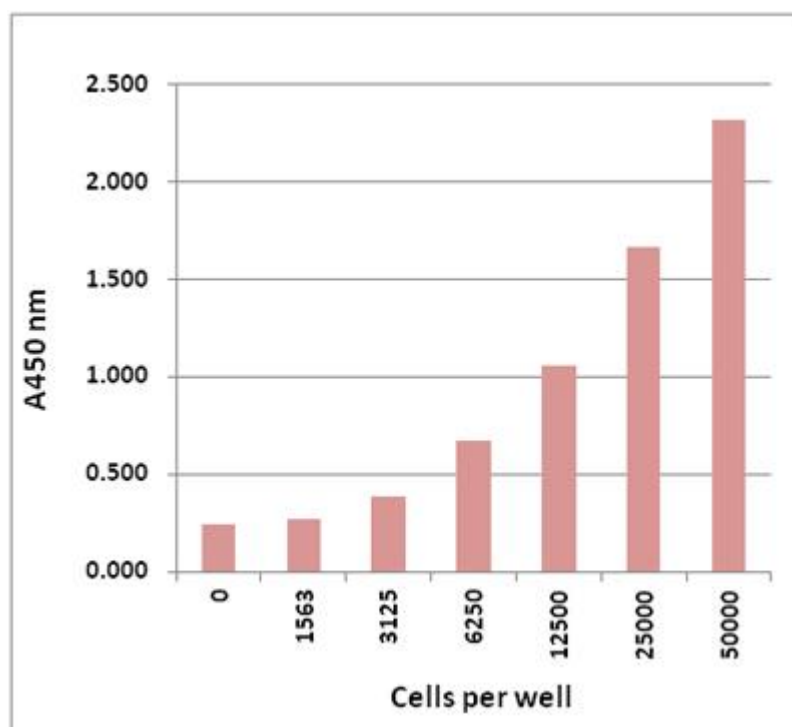


Figure 1: Human HEK 293 Cell Density. HEK 293 cells were seeded at various densities indicated above and allowed to grow for 24 hours. After adding the CytoSelect™ Cell Proliferation Assay Reagent, cells were then incubated for 2 hours at 37°C and 5% CO₂.