

Biolistic PDS-1000/He: Particle Delivery System



Biolistic particle delivery is a method of transformation that uses helium pressure to introduce DNA-coated micro carriers into cells. Micro projectile bombardment can transform such diverse targets as bacterial, fungal, insect, plant, and animal cell and intra cellular organelles. Particle delivery is a convenient method for transforming intact cells in culture since minimal pre- or post-bombardment manipulation is necessary. In addition, this technique is much easier and faster to perform than the tedious task of micro-injection. Both stable and transient transformation is possible with the Biolistic particle delivery system.