



GG-500 Portable

| Gene Gun

☰ Details Info

Description:

This product is a convenient hand-held devices, which can direct gene transfer rang in situ. The adjustable press of helium drives the metal-powder particles prepacked with DNA, RNA or some other substance in the interior of a small nylon tube into the inside of cells. Compared with other gene delivery systems it has being a safe, convenient, efficient of the advantages. It can be commonly used by cells of different kinds. The help of a small amount of DNA and some other cells, multi-material microcarriers import can gointly be carried out. It is able to transport large pieces of DNA and make the target gene have many cells transferred and eligible for transformation both outside and inside.

It makes the operation of transgenic work become more flexible, simple. Radioactivity Institute of Academy Military Medical Sciences carries out research work with this device and has achieved very good results, As published in "Biotechnology Communications" in 2001 IV was "gene gun-occlusive disease in the rat gene therapy applications." Another article was published by Shanghai Medical school of Fudan University "Scandinavian Journal of Immunology," (2003,58; 350-357): "gene gun-mediated DNA vaccine T Helper2 through immunization against hepatitis B surface antigen with CpG motif oligonucleotide Gly Coinjection changes in T helper 1 immune (T Helper 2 Immunity to Hepatitis B Surface Antigen Primed by Gene-Gun-Mediated DNA Vaccination can be Shifted Towards T helper 1 Immunity by Codelivery of CpG Motif-Containing Oligodeoxynucleotides)" etc.

Features:

Standard Configuration: a special gas valve and hoses, plus sample devices, cutting machine

Optional to buy: a specially-made nylon tube 50Feet/bag, metal Microcarriers (powder) 0.8-1.5im or 1.5-3.0i Factor GG-500 Portable Gene Gun