

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Bio-Rad: Helios Gene Gun System

RRID:SCR_019723

Type: Tool

Proper Citation

Bio-Rad: Helios Gene Gun System (RRID:SCR_019723)

Resource Information

URL: <https://www.bio-rad.com/en-us/product/helios-gene-gun-system?ID=42e9d6be-369a-49f8-8fbb-281a0fea6df8>

Proper Citation: Bio-Rad: Helios Gene Gun System (RRID:SCR_019723)

Description: Handheld gene gun delivery system that provides direct transfection into range of targets in vivo. It uses adjustable low pressure helium pulse to sweep DNA, RNA, or biomaterial coated gold microcarriers from a plastic cartridge directly into target cells.

Resource Type: instrument resource

Keywords: Bio-Rad, BioRad, Gene Delivery System, Instrument, Equipment, USEDit,

Availability: Commercially available

Resource Name: Bio-Rad: Helios Gene Gun System

Resource ID: SCR_019723

Alternate IDs: Model_Number_Helios_Gun

Record Creation Time: 20220129T080346+0000

Record Last Update: 20260801T190631+0000

Ratings and Alerts

No rating or validation information has been found for Bio-Rad: Helios Gene Gun System.

No alerts have been found for Bio-Rad: Helios Gene Gun System.

Data and Source Information

Usage and Citation Metrics

We found 1764 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Magloire V, et al. (2023) Volume-transmitted GABA waves pace epileptiform rhythms in the hippocampal network. *Current biology : CB*, 33(7), 1249.

Ooi TC, et al. (2021) A 16-Week Home-Based Progressive Resistance Tube Training Among Older Adults With Type-2 Diabetes Mellitus: Effect on Glycemic Control. *Gerontology & geriatric medicine*, 7, 23337214211038789.

Shew M, et al. (2021) Distinct MicroRNA Profiles in the Perilymph and Serum of Patients With Menière's Disease. *Frontiers in neurology*, 12, 646928.

Geles KG, et al. (2021) NOTCH3-targeted antibody drug conjugates regress tumors by inducing apoptosis in receptor cells and through transendocytosis into ligand cells. *Cell reports. Medicine*, 2(5), 100279.

Bailey M, et al. (2021) The Arabidopsis NOT4A E3 ligase promotes PGR3 expression and regulates chloroplast translation. *Nature communications*, 12(1), 251.

Dubey AP, et al. (2021) Trypanosome RNAEditing Substrate Binding Complex integrity and function depends on the upstream action of RESC10. *Nucleic acids research*, 49(6), 3557.

Wilmes S, et al. (2021) Competitive binding of STATs to receptor phospho-Tyr motifs accounts for altered cytokine responses. *eLife*, 10.

Deng Z, et al. (2021) Ultrasound-mediated augmented exosome release from astrocytes alleviates amyloid- β -induced neurotoxicity. *Theranostics*, 11(9), 4351.

Sun X, et al. (2021) A Response Surface Methodology (RSM) Approach for Optimizing the Attenuation of Human IgE-Reactivity to β -Lactoglobulin (β -Lg) by Hydrostatic High Pressure Processing. *Foods (Basel, Switzerland)*, 10(8).

Colozza-Gama GA, et al. (2021) Machine learning algorithm improved automated droplet classification of ddPCR for detection of BRAF V600E in paraffin-embedded samples. *Scientific reports*, 11(1), 12648.

Samarina N, et al. (2021) Recruitment of phospholipase C β 1 to the non-structural membrane protein pK15 of Kaposi Sarcoma-associated herpesvirus promotes its Src-dependent phosphorylation. *PLoS pathogens*, 17(6), e1009635.

Lee K, et al. (2021) Optimised tissue clearing minimises distortion and destruction during tissue delipidation. *Neuropathology and applied neurobiology*, 47(3), 441.

Erdem C, et al. (2021) Inhibition of RPS6K reveals context-dependent Akt activity in luminal breast cancer cells. *PLoS computational biology*, 17(6), e1009125.

Waldern JM, et al. (2021) Methylation of rRNA as a host defense against rampant group II intron retrotransposition. *Mobile DNA*, 12(1), 9.

Cook LB, et al. (2021) Transcriptome analysis of ciliary-dependent MCH signaling in differentiating 3T3-L1 pre-adipocytes. *Scientific reports*, 11(1), 4880.

Ötzkan S, et al. (2021) Effects of 7,8-Dihydroxyflavone on Lipid Isoprenoid and Rho Protein Levels in Brains of Aged C57BL/6 Mice. *Neuromolecular medicine*, 23(1), 130.

Amarù J, et al. (2021) Octreotide and Pasireotide Combination Treatment in Somatotroph Tumor Cells: Predominant Role of SST2 in Mediating Ligand Effects. *Cancers*, 13(8).

Kumar V, et al. (2021) Differential Expression of microRNAs Correlates With the Severity of Experimental Autoimmune Cystitis. *Frontiers in immunology*, 12, 716564.

Griesbach E, et al. (2021) Dual RNA 3'-end processing of H2A.X messenger RNA maintains DNA damage repair throughout the cell cycle. *Nature communications*, 12(1), 359.

Minati L, et al. (2021) One-shot analysis of translated mammalian lncRNAs with AHARIBO. *eLife*, 10.