Resource Summary Report

Generated by NIF on May 19, 2025

Biomark HD system

RRID:SCR_022658
Type: Tool

Proper Citation

Biomark HD system (RRID:SCR_022658)

Resource Information

URL: https://www.fluidigm.com/products-services/instruments/biomark-hd

Proper Citation: Biomark HD system (RRID:SCR_022658)

Description: Automated, high performance PCR/qPCR system that uses microfluidics technology to process samples at nanoliter scale volumes for gene expression, genotyping, sample identification, copy number variation analysis and digital PCR. With wide range of integrated fluidic circuit (IFC) formats available, scaling from mid to high throughput on single system.

Synonyms: Biomark™ HD system, BioMark HD, Fluidigm Biomark HD system, Biomark HD system (Fluidigm)

Resource Type: instrument resource

Keywords: PCR, qPCR, microfluidics technology, nanoliter scale volumes, integrated fluidic circuit formats, USEDit, instrument, equipment

Funding:

Availability: Restricted

Resource Name: Biomark HD system

Resource ID: SCR_022658

Record Creation Time: 20220810T050149+0000

Record Last Update: 20250420T015231+0000

Ratings and Alerts

No rating or validation information has been found for Biomark HD system.

No alerts have been found for Biomark HD system.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Fuentes-Fayos AC, et al. (2023) Metformin and simvastatin exert additive antitumour effects in glioblastoma via senescence-state: clinical and translational evidence. EBioMedicine, 90, 104484.

Arttamangkul S, et al. (2019) Visualizing endogenous opioid receptors in living neurons using ligand-directed chemistry. eLife, 8.

Negaresh R, et al. (2019) Skeletal Muscle Hypertrophy, Insulin-like Growth Factor 1, Myostatin and Follistatin in Healthy and Sarcopenic Elderly Men: The Effect of Whole-body Resistance Training. International journal of preventive medicine, 10, 29.

Wu F, et al. (2018) Aldosterone induces inflammatory cytokines in penile corpus cavernosum by activating the NF-?B pathway. Asian journal of andrology, 20(1), 24.

Kumar S, et al. (2017) Relationship of salivary CD14 concentration with dental caries in young children. Journal of clinical and experimental dentistry, 9(8), e958.

Mine N, et al. (2017) CBP501 suppresses macrophage induced cancer stem cell like features and metastases. Oncotarget, 8(38), 64015.

Ye EA, et al. (2016) miR-15a/16 reduces retinal leukostasis through decreased pro-inflammatory signaling. Journal of neuroinflammation, 13(1), 305.

Elewa YH, et al. (2016) Comparative analysis of mediastinal fat-associated lymphoid cluster development and lung cellular infiltration in murine autoimmune disease models and the corresponding normal control strains. Immunology, 147(1), 30.

Kianmehr Z, et al. (2015) Comparison of Biological and Immunological Characterization of Lipopolysaccharides From Brucella abortus RB51 and S19. Jundishapur journal of microbiology, 8(11), e24853.

Virard F, et al. (2015) Cold Atmospheric Plasma Induces a Predominantly Necrotic Cell Death via the Microenvironment. PloS one, 10(8), e0133120.

Kim S, et al. (2013) IL-4 Derived from Non-T Cells Induces Basophil- and IL-3-independent Th2 Immune Responses. Immune network, 13(6), 249.

Kerigh BF, et al. (2010) Assessment of angiogenic factor, vascular endothelial growth factor, serum and urine level changes in superficial bladder tumor immunotherapy by intravesical Bacillus Calmette-Guerin. Urology annals, 2(3), 91.

Yousefieh N, et al. (2009) Regulated expression of CCL21 in the prostate tumor microenvironment inhibits tumor growth and metastasis in an orthotopic model of prostate cancer. Cancer microenvironment : official journal of the International Cancer Microenvironment Society, 2(1), 59.

Ahn KS, et al. (2006) Inhibitory effects of Irigenin from the rhizomes of Belamcanda chinensis on nitric oxide and prostaglandin E(2) production in murine macrophage RAW 264.7 cells. Life sciences, 78(20), 2336.

Tayapiwatana C, et al. (2006) A novel approach using streptavidin magnetic bead-sorted in vivo biotinylated survivin for monoclonal antibody production. Journal of immunological methods, 317(1-2), 1.

Zhang Z, et al. (2004) In vivo magnetic resonance imaging tracks adult neural progenitor cell targeting of brain tumor. NeuroImage, 23(1), 281.