

Dako MoFlo

High-Performance Cell Sorter

Data acquisition software: Summit

Instrument capabilities:

Two laser system, up to seven colors

488 Argon laser:

GFP, YFP, FITC, Alexa Fluor 488, PE, PI, PE-Texas Red, PE-Cy5, PerCP-Cy5.5, PE-Cy7

633 He-Ne laser:

APC, Alexa 647 or Cy5, APC-Cy7, Alexa 680 or Alexa 700

7 color experiment example:

FITC, PE, PE-Cy7, PE-Cy5, APC, Alexa 680, APC-Cy7

Single cell deposition into slides and various size multiwell plates including Terasaki.
Cells can be sorted into 5,15,50 ml test tubes and small Petri dishes.

Sorting material should be brought in polypropylene 5 ml test tubes (Cat # 352063, also available at room S617 upon request).

Desirable concentration of cells: up to 60×10^6 , depending on the cell type and amount of material.

Limitations:

No human cells can be sorted on this instrument