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Product Name :
Flow-Cytometer Analyzer

Product Code :
LBNY-0001-300002



Description :

Flow-Cytometer Analyzer

Technical Specification :

This is crucial in cell and gene therapy research applications, but is useful in almost any flow cytometry experiment to help researchers understand the morphology of each cell population identified for analysis. The images can also aid in identifying debris and optimizing protocols.

Optical alignment: pre-aligned and fixed optical alignment system (no user adjustments required)

Lasers and colors: Minimum of 2 lasers and 8 colors analysis (optical channels)

Fluorescent resolution: $\geq 5\%$ CV

Flow cell: Fixed optical assembly with spatially separated laser beams

Sample aspiration tube: compatible with tubes with minimum of 1.5 to 2ml (micro centrifuge tubes), and 5ml (12 x 75-mm tubes)

Sample Flow rate : Minimum of 10 $\mu\text{L}/\text{min}$ and up to 100 $\mu\text{L}/\text{min}$ depending on low, medium and high flow rate

Data acquisition rate (Event rate) : Minimum of 10,000 events/second

Compensation: Automated or manual during or post acquisition

Threshold: Threshold can be set for any channel by selecting the trigger value, Single parameter or logical combinations of multiple parameters

Data analysis software: integrated software to facilitate rapid and automated data analysis

Peripheral Ports: USB interface, support for external printers, hand-held barcode reader, Bi-directional LIS connectivity

Printer: Supplied with compatible external printer that uses cartidges available in the local market

Barcode reader: in-built barcode reader and Support for hand-held barcode reader

Operating Environment: Operating Temperature (+15°C to +30°C)

Utility requirements: Electrical power supply: 220VAC \pm 10%, Suitable UPS with maintenance free batteries for minimum one-hour back-up

Flow-Cytometer Analyzer, Flow-Cytometer Analyzer Equipments, Flow-Cytometer Analyzer Tools, Flow-Cytometer Analyzer Tool Kits, Flow-Cytometer Analyzer Manufacturers, Flow-Cytometer Analyzer Suppliers from India, China, Kenya



Laboratory Instrument India