MACSQuant VYB information

3-laser, 8-fluorescent detector instrument

- 404nm – 40mW
  - 450/50
  - 525/50
- 488nm – 50mW
  - 525/50
  - 614/50
- 561nm – 100mW
  - 586/15
  - 615/20
  - 661/20
  - 750LP

Minimum sample volume is 25µl (recommended)

- Sample can be diluted by the instrument

Analyzes up to 10,000 events/second

Three sample flow rates

- Low = 12µl/minute
- Medium = 25µl/minute
- High = 50µl/minute

Performs absolute counts

Single tube holder

- Holds standard 5ml round-bottom tubes

Chill-rack 5

- Holds 24 X 5ml round-bottom tubes
- Can be placed at 4C overnight to freeze the rack (contains DMSO)
- Keeps samples cold for approximately 2 hours

96-well plate holder

- Holds standard 96-well plates
- Can be placed at 4C overnight to freeze the rack (contains DMSO)
- Keeps samples cold for approximately 2 hours