

IVD FLOW CYTOMETRY | NovoCyte



In a Nutshell

NovoCyte Instrument

- Fully certified (CE-IVD | GMP | GLP)
- Automated self-cleaning routines
- Flexible automatic sampling (plates & tubes)

Software

- Panel design for clinical applications
- Clinically relevant statistical analysis
- Comprehensive reporting options
- Quality control

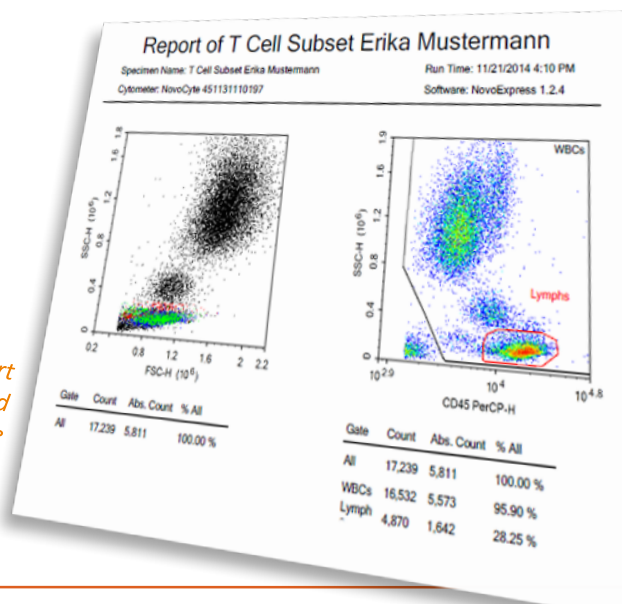
Instrument, en detail

- Fully **selfcleaning** system, including extended monthly cleaning - no need for manual cleaning procedures
- Fast and easy **declogging** options for Flowcell and SIP
- **Automatic sampling** option for 96-, 48-, 24-well plates and 24 x 6ml FACStubes
- **Small footprint** 60 x 39 x 40 cm
- Flexible **modular** system (laser & colors) - grows with your needs

Statutory requirements

- Diagnostics
- **CE-IVD** certified instrument
- GMP/GLP
- All necessary audittrails
- Well documented, including **21 CFR Part 11** support

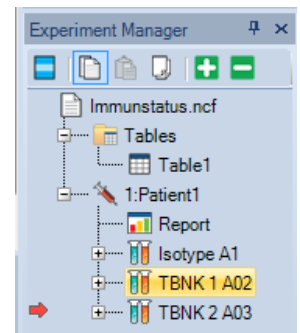
>> click report
to download
a full PDF example
or alternatively follow
this link: bit.ly/NCreport1



IVD FLOW CYTOMETRY | NovoCyte

Specimen	SpecimenID	Template	Plate	Well	Sample	FSC	SSC	BL1	BL2	BL4	RL1	Stop Condition	Flow Rate
T Cell Subset Erika Mustermann	16	t-cell-subset-4-color.nct	1		T Cell Subset 4-Color	FSC H.A	SSC H.A	CD3 FITC H.A	CD8 PE H.A	CD45 PerCP H.A	CD4 APC H.A	5000 Lymphs	Medium, 35 µL/min

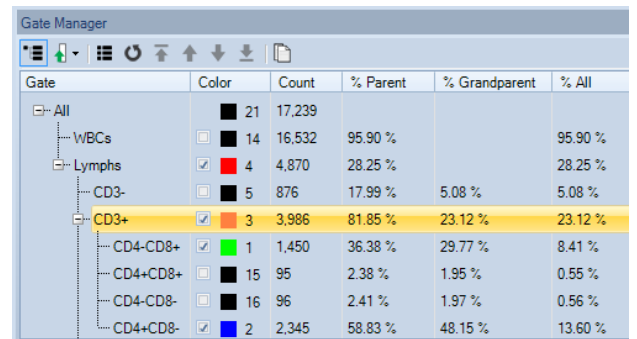
Organization of samples in work lists



Tree view experiment navigation

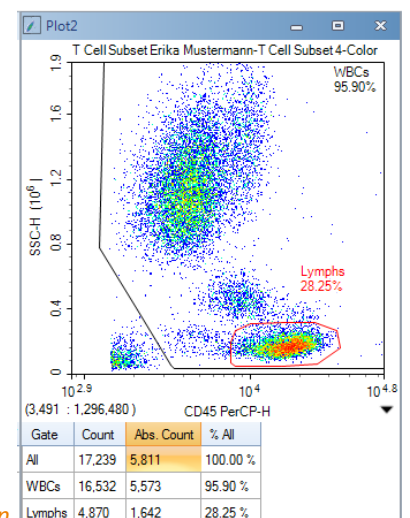
Software, en detail

- **Sample specific** templates
- **LIS** (Laboratory Information System) integration/connection possible
- Highly flexible **data export**, statistical table as CSV, any kind of graphic format including vector graphics
- Highly flexible **report** system (PDF or printout)
- Extended **color gating** options, easy sorting of separately colored **subpopulations**
- **Absolute counting** option including dilution factor and absolute counts/µl or ml, tube specific if needed
- **File organization** in experiment, specimen and sample
- **Templates** from experiment, specimen (group of samples) and single tubes
- Sample organization in **tree-view** or **worklist**
- **Import MS-Excel®** predefined tables directly into worklist view
- **Change parameters** directly from worklist
- **Statistics** including Percent-All, -Parent and -Grandparent for optimal analysis of subpopulations
- Software includes **cell cycle analysis** module (Watson Algorithm)
- **Intuitive** software - reliable results after an afternoon learning time for beginner
- **Multiple compensations** for a single experiment
- Easy performance control with automated bead based **QC procedure**
- Automatic generation of **Levey-Jennings** QC data for a desired time frame



Gate	Color	Count	% Parent	% Grandparent	% All
All		21	17,239		
WBCs		14	16,532	95.90 %	95.90 %
Lymphs		4	4,870	28.25 %	28.25 %
CD3-		5	876	17.99 %	5.08 %
CD3+		3	3,986	81.85 %	23.12 %
CD4-CD8+		1	1,450	36.38 %	29.77 %
CD4+CD8+		15	95	2.38 %	1.95 %
CD4-CD8-		16	96	2.41 %	1.97 %
CD4+CD8-		2	2,345	58.83 %	48.15 %

Extended color gating options, subpopulation statistics



Absolute counting option

Get in touch for further information:
 mail info@ols-bio.de | www.ols-bio.de
 fon 0421 27 61 69-0 | fax 0421 27 61 69-19
 OLS OMNI Life Science GmbH & Co KG