

### TESTED SHEATH FLUIDS

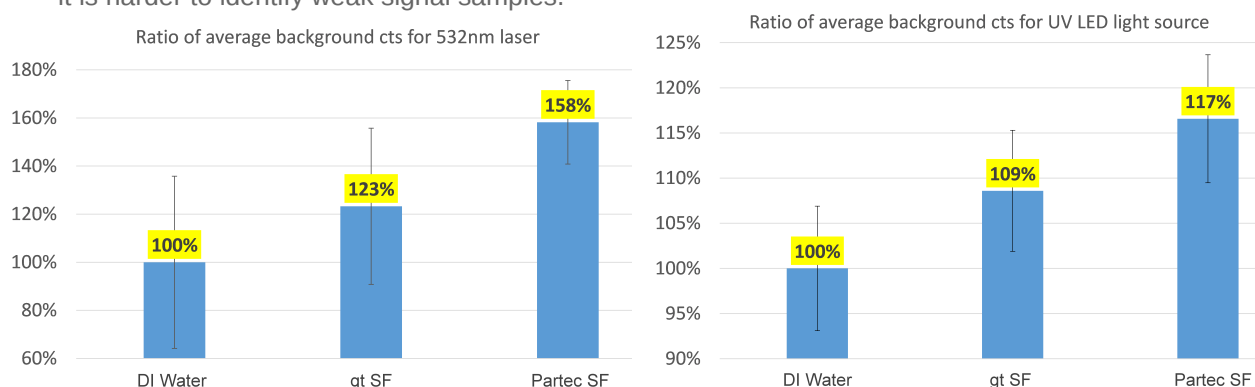
- **DI Water** – pure water by reverse osmosis and with conductivity below 1  $\mu\text{S}/\text{cm}$
- **gt SF** – **our new product** made of highest quality DI water and special additives
- **Partec SF** – **conventional sheath fluid** from the cytometer manufacturer

### EXPERIMENTAL CONDITIONS

- Partec CyFlow Space cytometer with original cuvette
- 4 parameter configuration (FSC, SSC, FL1 a FL2); FL1: 100 mW laser, 532nm; FL2: UV LED, 365 nm
- sample: trout erythrocytes stained with DAPI or PI

### BACKGROUND NOISE COMPARISON

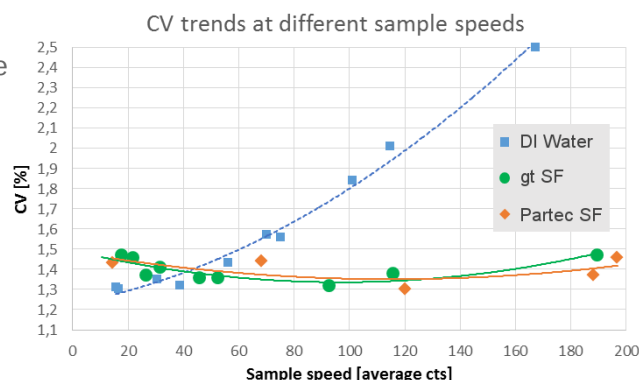
- Background noise is an important factor for all cytometry experiments. As background noise increases it is harder to identify weak signal samples.



→ The new **gt SF** product clearly **excels** over Partec SF by showing much lower background noise under all measured conditions.

### SAMPLE SPEED INFLUENCE ON CV VALUES (DAPI)

- Utilization of sheath fluid allows users to measure at higher sample speeds without worsening CV values as observed with pure water.
- Both gt SF and Partec SF products display fully comparable characteristics with respect to best possible CV and its trend.



### PRICE LIST

Cat. no.	Product name	Delivery conditions	Price (€ excl. VAT)
FCR-100-5L	gt flow sheath fluid (5 L)	1 week	9.95*

Note: \* 15 % quantity discounts for orders of more than 20 pieces. Prices exclude shipping fees.



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