a

Displaced area (pixels) vs **Time since protocol start (s)**

Pump B

- 0.33µL
- 2µL
- 5µL
- 10µL

b

$R^2=0.98, \beta=14.79$

Pump A
5mL syringe

c

$R^2=0.97, \beta=15.57$

Pump A
10mL syringe

$R^2=0.99, \beta=14.61$

Pump B
5mL syringe

$R^2=0.97, \beta=15.39$

Pump B
10mL syringe

Displaced area (pixels) vs **Theoretical volume (µL)**

d

Coeff. Variation (%) vs **Theoretical volume (µL)**

5mL syringe

e

10mL syringe