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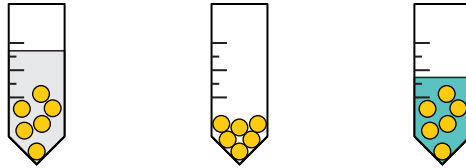
## MECHANICAL MEASUREMENT OF CELLS - GETTING STARTED

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Cells must be resuspended in a special measurement buffer:

1x PBS and methyl cellulose - additives e.g. glucose are possible

Resuspension of cells

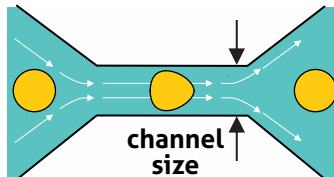


For optimal measurements the following conditions need to be created:

Cell concentration: minimum 1 Mio. cells per ml, optimum 3 Mio. cells per ml

Cell number: minimum 100k, optimum 2 Mio. cells

The cells will be deformed in a narrow channel in a microfluidic chip.



The cells diameter should not exceed 95% of the channel size.

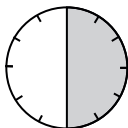
We can provide chips with 10, 15, 20, 30 and 40 micrometer channel size.

To choose the right buffer and chip, please inform us:

Do the cells require special buffer additives besides PBS?

What is the approximate size range of the cell diameter?

Additional information:



Experiment  
time: 10-30 min  
per sample