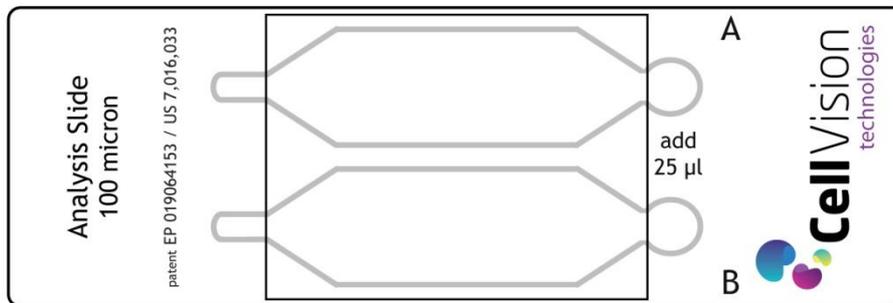




Post Vasectomy Analysis Slide  
CV 1100-2ch  
100 micron, no Grid

### General Information:

The CellVision, Analysis Slide, 100 micron (2 chamber Slide) is specially designed for manual assessment of sperm parameters in the case of Post Vasectomy semen analysis. Two identical analysis chambers are available for 2 different samples or for 1 sample in duplicate.



### Protocol:

1. Add exactly 25  $\mu$ l of sample material (i.e. fully liquefied and homogenised semen) to entrance area A or B
2. The chamber will fill itself almost completely by capillary action.
3. Let the chamber settle for at least 15 minutes. It is important that the slide is placed in a humid environment during this period to prevent drying.
4. The entire area of the chamber is examined preferably using a phase-contrast microscope and x 200 magnification.
5. Scan the slide at x10 or x20 (depending on the level of debris present); to ensure the highest test-accuracy add exact 25 $\mu$ l (see: Step 1) and analyse the complete chamber. Obviously then all 25  $\mu$ l sample material is examined, no matter if some parts of the chamber are not filled.
6. Begin at either the left or right hand edge of the slide at the bottom and slowly scan upwards
7. Move the slide one full microscope field left or right (depending on the direction of travel) taking care not to move too far (a degree of overlap may be preferable as it is better to count some sperm twice than miss them at all)
8. Continue until you reach the opposite edge of the chamber/slide
9. Express sperm as number per 25ul – then multiply by 40 to give number per ml