

	LensHooke X1 PRO	Bio	Analysis and Observation
Test Time	2019/09/16 23:01	2019/09/1 6 16:59	Testing time is with 6 hours of difference
Patient ID	26378		
pH	7.8	8.0	Both are ≥ 7.2
Concentrati on (M/mL)	6.9	N / A	Bio report didn't show value of concentration *1
Total Motility (%)	74	48 (10+38)	Both are different. Low concentration is easy to have sampling deviation; according to WHO' s guideline, recommed to repeat the testing by same semen sample
Progressive (%)	61	10	Both are different. Low concentration is easy to have sampling deviation; according to WHO' s guideline, recommend to repeat the testing by same semen sample
Normal Morphology (%)	5	20	Different LensHooke is using WHO 5 th which the cut off value is $\geq 4\%$;if you are using WHO 4 th , the cut off value is $\geq 15\%$ *2
Volume (mL)	2.5	2.0	Volume is different
Total Sperm number (Million)	17.2	25	Both are not too much different and all less than 39M.
Color	Grayish White	Milky	Similar
	System Version: X1.C004 Device Series: X10SB14M100 12		

*1 Analysis of the video of the Microscope provided by Bio(below you will see the screen shot picture of the video)

(1) from the video view field which Bio provided, it shows the target specimen is sliding.

According to the comment from technician , this will influence the measurement.

(2) from the video view field which provided, it shows several layers.

According to the comment from the technician, this will influence the focus of the microscope that will influence the measurement.

(3) from the view field of the which Bio provided, our technician estimated measurement by manual is less than 10 M/mL

*2 : Table of WHO Morphology Guideline