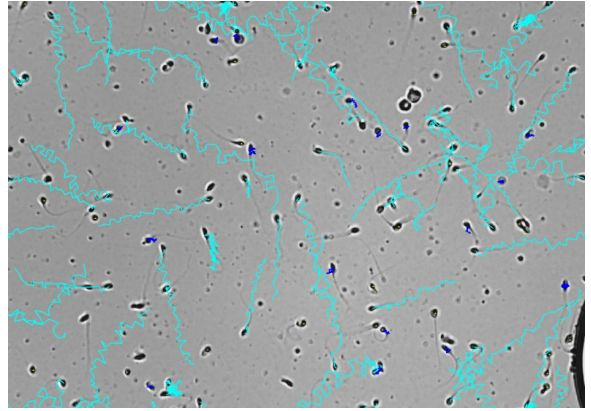


Patient ID : 30
Test Time : 2010/06/13 03:56



I. Sample Information

Item	Status
Liquefaction	Normal
Liquefaction treatment	No
Visual appearance	Normal
Viscosity	Normal
pH	> 8.0

II. Test Result

Parameter	Result	WHO 6th	[95% CI]
Ejaculate	Ejaculate volume	<u>1.4 mL</u>	≥ 1.4 mL [1.3 - 1.5]
Sperm count	Concentration	66.5 M/mL *	≥ 16 M/mL [15 - 18]
	Total sperm number	93.10 M	≥ 39 M [35 - 40]
Motility	Total Motility	80 %	≥ 42 % [40 - 43]
	Progressive	61 %	≥ 30 % [29 - 31]
	- Rapid Progressive	24 %	-
	- Slow Progressive	37 %	-
	Non-Progressive	19 %	≥ 1 % [1 - 1]
	Immotile	20 %	< 58 % -
Morphology	Normal forms	<u>4 %</u>	≥ 4 % [3.9 - 4.0]

Detail

Concentration :

MSC 53.2 M/mL
 (Motile Sperm Concentration)

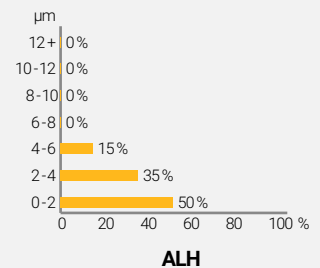
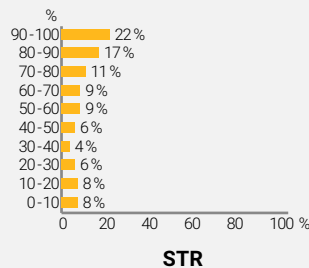
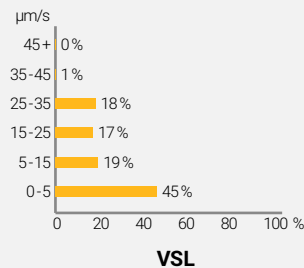
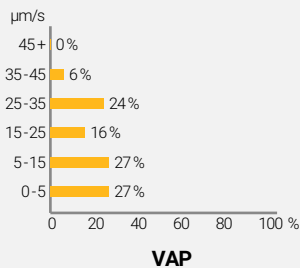
PMSC 40.6 M/mL
 (Progressive Motile Sperm Concentration)

Morphology :

Abnormal heads 82 %
 Abnormal midpieces 32 %
 Abnormal tails 21 %
 Excess residual cytoplasm 44 %
 Teratozoospermia index (TZI) 1.86

Motility :

LIN (Mean) 36 % VSL (Mean) 12.0 μm/s
 STR (Mean) 62 % VCL (Mean) 28.9 μm/s
 WOB (Mean) 52 % ALH (Mean) 2.3 μm
 VAP (Mean) 16.1 μm/s BCF (Mean) 6.2 Hz



* : There is aggregation, agglutination, crystals, or bubbles inside the sample.
 † : Most of the sperms move by push rather than swim.

III. Remark

Medical Technologist : _____

Supervisor : _____