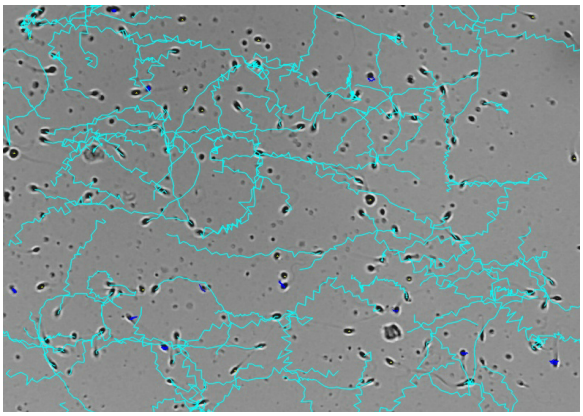
NORTHWAY®
CLINIC

Patient ID : 1112345
Test Time : 2023/08/11 12:49



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	3.2 mL	≥ 1.4 mL	[1.3 - 1.5]
Sperm count	Concentration	87.5 M/mL	≥ 16 M/mL	[15 - 18]
	Total sperm number	280.00 M	≥ 39 M	[35 - 40]
Motility	Total Motility	81 %	≥ 42 %	[40 - 43]
	Progressive	73 %	≥ 30 %	[29 - 31]
	- Rapid Progressive	38 %	-	-
	- Slow Progressive	35 %	-	-
	Non-Progressive	8 %	≥ 1 %	[1 - 1]
	Immotile	19 %	< 58 %	-
Morphology	Normal forms	5 %	≥ 4 %	[3.9 - 4.0]

Detail

Concentration :

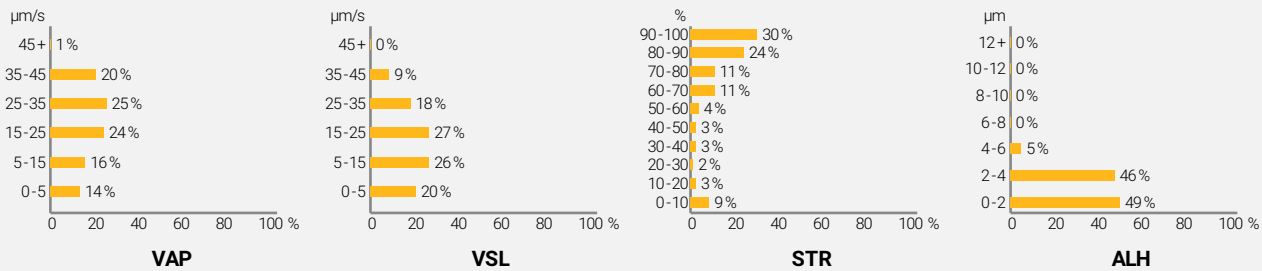
MSC (Motile Sperm Concentration)	70.9 M/mL
PMSC (Progressive Motile Sperm Concentration)	63.9 M/mL

Morphology :

Abnormal heads	76 %
Abnormal midpieces	46 %
Abnormal tails	25 %
Excess residual cytoplasm	26 %
Teratozoospermia index (TZI)	1.82

Motility :

LIN (Mean)	52 %	VSL (Mean)	18.0 µm/s
STR (Mean)	73 %	VCL (Mean)	32.7 µm/s
WOB (Mean)	67 %	ALH (Mean)	2.2 µm
VAP (Mean)	23.0 µm/s	BCF (Mean)	6.3 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 :_____

Serial Number : X10RH16M10038 Software Version : X1.E004 Test Cassette : CS1