



ص.ب: ٣٠٦٨، دبي - الإمارات العربية المتحدة
هاتف: ٢٢٢٧ ٢٩٦ - فاكس: ٢٢٢٨ ٢٩٦ - ٤

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مختبر فرايبورغ الطبي
FREIBURG MEDICAL LABORATORY MIDDLE EAST (L.L.C.)
رأس المال ٦٠٠,٠٠٠ درهم مدفوع بالكامل - سجل تجاري ٤٩٢٥١
Capital: AED 600,000 Fully Paid - Commercial Regs: 59251

Semen Analysis Report

Patient Information		Laboratory Information	
Name		Ordering Physician	PD Dr. med. habil. M. Jaksch
Your ID		Clinic Name	Freiburg Medical Laboratory
Patient ID		Release Date	
Birth Date			
Abstinence (# of days)	4		

Sample Processing		Time Sample Collected		Time Sample Received			
Date Sample Collected	29.02.2016	16:52		17:03			
Date Sample Received	29.02.2016						
Date Test Performed	29.02.2016						
Sample Collection and Initial Examination		SQA-V Automated Test	Test Results		Ref. Value		↑↓
Sample/Accession #	6632002	Volume	1.6	ml	Laboratory	WHO 5th	
Color	Greyish white	Viscosity	Normal			>/= 1.5	
Liquefaction	1 hour	pH	8.0			>=7.2	
Appearance	Homogeneous	WBC Conc.	<1	M/ml		<1	

Test Results

SQA-V Automated Test	Test Results		Ref. Value		↑↓	Manual Test	Test Results		Ref. Value		↑↓
			Manufacturer	WHO 5th					Laboratory	WHO 5th	
Sperm Conc.	45.2	M/ml		>= 15.0		Agglutination	-				
Total Motility (PR+NP)	42	%		>= 40		Aggregation	-				
Prog. Motility (PR)	24	%		>= 32	↓	Round cells	N.A.	M/ml			
Nonprog. Motility (NP)	18	%				RBC	N.A.	M/ml			
Immotility (IM)	58	%				Vitality	43	%		>/= 55	↓
Morph. Normal Forms*	WHO 5th	5	%	>= 4		Manual Morphology					
MSC	18.8	M/ml		>=6		% Normal Forms	56	%		>30	
PMSC	10.9	M/ml		>=5		Head Defects	40	%			
FSC	1.3	M/ml				Neck/Midpiece	4	%			
Velocity	7	mic/sec		>=5		Tail Defects	0	%			
SMI	32					Cytoplasmic Droplets	0	%			
Sperm # (TSC)	72.3	M		>= 39.0		Pinheads	0	%			
Motile Sperm	30.1	M		>=16		WBC	5-7	/hpf		0-5	↑
Prog. Motile Sperm	17.4	M		>=12							
Functional Sperm	2.1	M									
Morph. Normal Sperm	3.6	M		>=2							

Interpretation

Normal sperm concentration and acceptable range of morphological normal forms. However, reduced progressive motility. In addition, WBC increased (current inflammation?).

Comment

Please note that the newly introduced SQA-V automated analyzer results are not necessarily compatible with the manual test results. Please also note that all results should be related to the WHO (5th) edition.

Abbreviations

TSC: Total Sperm Concentration (Count) MSC: Motile Sperm Concentration
PMSC: Progressive Motile Sperm Concentration FSC: Functional Sperm Concentration
SMI: Sperm Motility Index

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