



ص.ب: ٣٠٦٨ - دبي - الإمارات العربية المتحدة
هاتف: ٢٢٢٧ ٢٩٦ ٠٤ فاكس: ٢٢٢٨ ٢٩٦ ٠٤
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مختبر فرايبورغ الطبي
FREIBURG MEDICAL LABORATORY MIDDLE EAST (L.L.C.)
رأس المال ٦٠٠,٠٠٠ درهم مدفوع بالكامل - سجل تجاري ٥٩٢٥١
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Semen Analysis Report

Patient Information		Laboratory Information	
Name	Sample Report	Ordering Physician	PD Dr. med. habil. M. Jaksch
Your ID		Clinic Name	Freiburg Medical Laboratory
Patient ID		Release Date	13.11.2018
Birth Date	01.01.1981		
Abstinence (# of days)	4		

Sample Processing		Time Sample Collected		Time Sample Received			
Date Sample Collected	13.11.2018		14:25		14:33		
Date Sample Received	13.11.2018						
Date Test Performed	13.11.2018						
Sample Collection and Initial Examination		SQA-V Automated Test	Test Results		Ref. Value		
Sample/Accession #	A000000	Volume	1.5	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	Manufacturer	WHO 5th		Laboratory	WHO 5th	Laboratory	WHO 5th	
Sperm Conc.	101.3	M/ml		>= 15.0	Agglutination	-				
Total Motility (PR+NP)	42	%		>= 40	Aggregation	-				
Prog. Motility (PR)	34	%		>= 32	Round cells	N.A.	M/ml			
Nonprog. Motility (NP)	8	%			RBC	N.A.	M/ml			
Immotility (IM)	58	%			Vitality	51	%		>= 55	↓
Morph. Normal Forms*	WHO 5th	8	%	>= 4	Manual Morphology					
MSC	42.0	M/ml		>=6	% Normal Forms	55	%		>30	
PMSC	34.7	M/ml		>=5	Head Defects	35	%			
FSC	6.5	M/ml			Neck/Midpiece	8	%			
Velocity	42	mic/sec		>=5	Tail Defects	2	%			
SMI	202				Cytoplasmic Droplets	0	%			
Sperm # (TSC)	151.9	M		>= 39.0	Pinheads	0	%			
Motile Sperm	63.1	M		>=16	WBC	3-5	/hpf		0-5	
Prog. Motile Sperm	52.1	M		>=12	Bacteria	+				
Functional Sperm	9.8	M								
Morph. Normal Sperm	12.2	M		>=2						

Interpretation
Normal sperm concentration and acceptable range of morphological normal forms.

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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