

Semen Analysis Report

Patient Information		Laboratory Information	
Last Name	Kontrol	Ordering Physician	N.A.
First Name	Deneme	Test Performed by	N.A.
Patient ID	123	Release Signature	N.A.
Birth Date	12.12.1970	Release Date	19.08.2005 15:52:09
Abstinence (# of days)	3	SQA-V SN #	509

Sample Processing					
Date Sample Collected	19.08.2005	Time Sample Collected	12:27:00		
Date Sample Received	19.08.2005	Time Sample Received	15:27:00		
Date Test Performed	19.08.2005	Time Test Performed	15:29:00		
Sample Collection and Initial Examination		SQA-V Automated Tests	Test Result		Ref. Value
Sample/Accession #	12	Volume	2,5	ml	>= 2
Sample Type	FRESH	Viscosity	Normal		
Liquefaction	Normal	PH	6,5		>= 7,2
Appearance	Normal	WBC Conc.	<=1	M/ml	

Test Results

SQA-V Automated Tests		Test Result		Ref. Value	↓↑	Manual Test	Test Result		Ref. Value	↓↑
Sperm Conc.	165,4	M/ml	>= 20			Agglutination	++			
Motility (a+b+c)	5	%				Aggregation	++			
Rapid Prog. Motility (a)	0,4	%	>= 25		↓	Round cells	13	M/ml	<= 5	↑
Slow Prog. Motility (b)	0,8	%				RBC	7,4	M/ml		
Non-Prog. Motility (c)	3,8	%				Viability	70	%		
Immotility (d)	95	%				Manual Morphology				
Morph: % Normal Forms*	WHO 3rd	15	%	>= 30	↓	% Normal Forms	40	%		
						Head Defects	10	%		
MSC	8,3	M/ml				Neck/Midpiece	10	%		
PMSC (a)	0,7	M/ml				Tail Defects	15	%		
PMSC (b)	1,3	M/ml				Cytoplasmic Droplets	10	%		
FSC	0,6	M/ml				Pinheads	30	%		
Velocity	2	mic/s	>= 5		↓	Biochemistry				
SMI	19		>= 80		↓	a-glucosidase	20	mU		
All Sperm	413,5	M/Ejac.	>= 40			Fructose	N.A.	mmol/l		
Motile Sperm (a+b+c)	20,8	M/Ejac.				Zinc	27	mmol/l		
Prog. Motile Sperm (a+b)	5	M/Ejac.	>= 20		↓					
Functional Sperm	1,5	M/Ejac.								

*Morphology should be run manually when the automated "Morph: Normal Forms" is below the normal range.

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Postvasectomy Test Results				Other Manual Tests					
SQA-V Automated Tests	Test Result		Ref. Value	↓↑	Manual Test	Test Result		Ref. Value	↓↑
# Motile Sperm	N.A.	#			Other	N.A.			
# Immotile Sperm	N.A.	#							
# Total Sperm	N.A.	#							
# Motile Sperm/Vol	N.A.	M/Vol							
# Immot. Sperm/Vol	N.A.	M/Vol							
# Total Sperm/Vol	N.A.	M/Vol							

Comments

Normal

Image

