

Arshia Pathobiology Lab.

Parastar St. - AhmadAbad Blvd. - Mashhad

Tel : 05138463532-3



آزمایشگاه پاتوبیولوژی ارشیا

مشهد - خ احمد آباد - پرستار - پرستار ۱ - پ ۱

تلفن : ۰۵۱۳۸۴۶۳۲۲-۳

Semen Analysis Report

Name	Age	27	Physician	Dr. Esmail Nia	
Family	Collection	Masturbation	Sample Time	1398/8/27 , 19:16	
Patient ID	08-606	Abstinence	3 Days	Analysis Time	1398/8/27 , 19:56

Visual Inspection

Liquefaction	40 Min. at 37° C	Viscosity	Normal
Color	Milky	Agglutination	None
Odor	Slight Odor	Aggregation	None

Main Parameters (W.H.O - 2010)

MainParameters	Unit	Result	State	Normal Values
Semen Volume	ml	2.1	Normal	>= 1.5
Semen PH	-	7.7	Normal	7.2 <= N <= 8
Vitality	%	22.5	Abnormal	>= 58
Sperm Count (Density)	M/ml	27.3	Normal	>= 20
Progressive (A + B)	%	7.5	Abnormal	>= 40
Motile (A + B + C)	%	22.5	Abnormal	>= 50
Round Cell	M/ml	0	Normal	< 1
Germ Cell	M/ml	0	Normal	< 1
WBC	M/ml	0	Normal	< 1
RBC	M/ml	0	Normal	< 1
Normal Morphology	%	6.2	Normal	>= 4
TZI	-	1.48		

Comments

(آزمایشگاه مسئول تعیین و تشخیص هویت نمونه آزمایش دهنده نمیباشد.)

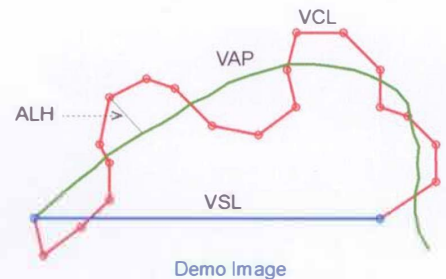
Speed Assysment (W.H.O - 2010)

Class	Percent
A Rapid Progressive	0
B Slow Progressive	7.5
C None Progressive	15
D Immotile	77.5



Dynamic Parameters (W.H.O - 2010)

Parameter	Description
VAP	μm/s Average Path Velocity
VSL	μm/s Straight line Velocity
VCL	μm/s Curve linear Velocity
BCF	Hz Beat cross frequency
LIN	% Linearity (VSL/VCL)
STR	% Straightness (VSL/VAP)
WOB	% Wobble (VAP/VCL)
MAD	Deg Angular Displacement
ALH	μm Lateral Displacement



Signs

Pathologist Dr. Mafinezhad MD/AP-CP

دکتر مافینزهاد
تخصص آناتومی پاتوبیولوژی





Mashhad University of Medical Sciences

Demographic Form

Project Code: ××××××

Date: ××××

Project Title: Investigating the effect of pollen on spermogram parameters in infertile men

Candidate's personal information:

Age:

Level of education:

Job:

Approximate amount of monthly income:

Duration of marriage:

What medicines have you used to treat infertility?

Patient signature:

Signature of the researcher: