

Patient Name	السيد/ ابوالحسن الشاذلي بدري	Patient ID.	1023050210199
Age / Sex	32 Years / Male	Request Date	03-May-2023 09:07 PM
Referred By	Himself	Printed In	03-May-2023 09:10 PM

SEMEN ANALYSIS

Collection:

Method of Collection : Masturbation
 Abstinence period : 3 Days
 Time of collection : 07:00 PM

Ref. value according to WHO

3 - 6 Days

Macroscopic Examination:

Volume : 3 mL
 Color : Grayish white
 Consistency : Normal
 Liquefaction time : 60 min
 Reaction : Alkaline
 Viscosity : Normal

2 - 6 mL
 Grayish white
 < 2 cm threadforming
 Normal < 30 min
 Alkaline
 Normal

Microscopic Examination:

Concentration : 50 million/ml
 Total spermatic count : 150 million/Ejaculate
 Pus Cells : 10 - 15
 R.B.Cs : 3 - 5

More than 20 million/ml
 More than 40 million/Ejaculate
 Less than $1 * 10^6/ml$
 0 - 5 / HPF

Sperm Vitality:

Motility After 1 Hour : 24 %
 After 2 Hour : 20 %
 After 3 Hour : 15 %

Normal: motile spermatic count.in first hour ≥ 60 %

First Hour Profile:

Grade A (rapid linear progression) : 0 % 0 million/ml
 Grade B (slow linear or non-linear) : 8 % 1 million/ml
 Grade C (non-progressive motility) : 16 % 1.9 million/ml
 Grade D (immotile spermatozoa) : 76 % 9.1 million/ml
 Grade A+B (forward progression) : 8 %

Normal: Grade A > 25% or Grade (A+B) ≥ 50 %

Abnormal Forms: 40 %

Comment:

Sample taken outside lab.

معمل الكرومات
 التحليل الطبي
 Doctor's signature:

مع أطيب التمنيات بال

Parent Name	السيد / ابوالحسن الهادي الحوي	Patient ID.	102309
Age / Sex	32 Years / Male	Request Date	16-May-2023 12:51 PM
Referred By	Himself	Printed In	17-May-2023 06:48 PM

ENDOCRINOLOGY REPORT

Thyroid Profile Tests:

▲ TSH (Thyroid Stimulating Hormone) : 1.69 uIU/mL Normal: 0.3 - 6.0 uIU/mL

Reference Range :

Doctor's signature:

Thanks

AKAPMA

LAB

أطبب التعميات

Patient Name السيد/ ابوالحسن الشانلي بدري
Age / Sex 32 Years / Male
Referred By Himself

Patient ID. 11023051
Request Date 16-May-2023 12:51 PM
Printed In 17-May-2023 06:48 PM

HEMATOLOGY REPORT

Blood Picture:

Reference Range :

• Hgb (Hemoglobin)	: 14.6		13.2 - 17.3 g/dL
• RBCs (Red Blood Cells)	: 5.6		4.3 - 5.7 × 10 ³ Cells/ μ L
• Hct (Hematocrit)	: 45.7		39 - 49 %
• MCV	: 81.6		80 - 100 fL/cell
• MCH	: 26.1	L	27 - 34 pg/cell
• MCHC	: 31.9	L	32 - 37 g/dL
• Plt (Platelet)	: 280		150 - 440 × 10 ³ /mm ³
• WBCs (Leukocytes)	: 6.6		4.5 - 11.0 × 10 ³ /mm ³

Test	Relative count	%	Absolute count	K/uL
• Neutrophil	: 38	35 - 80	2.51	1.8 - 7.7
Segmented	: 36	35 - 80	2.38	1.6 - 7.1
Band	: 2	0 - 11.0	0.13	0 - 1.2
• Lymphocytes	: 51	H 18 - 44	3.37	0.8 - 4.8
• Monocytes	: 9	0 - 10	0.59	0.2 - 0.9
• Eosinophils	: 2	0 - 3	0.13	0 - 0.8
• Basophils	: 0	0 - 1	0	0 - 0.1

Comment : RBCs show normal in size and shape, WBCs show Relative Lymphocytosis, PLTs show adequated in number and well aggregated

Doctor's signature:

Thanks

Semen Analysis Report



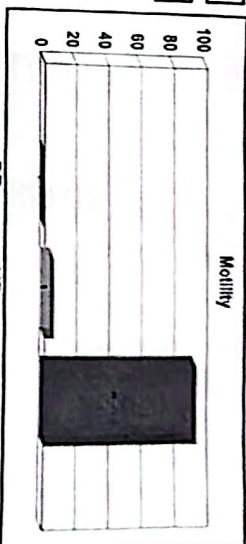
Name: Abo ElHasan ElShazly ElBudran Ahmed
Number: 10268 Collect Location: Lab

Collect Date: 27/05/2024
Ref. Doctor: Mohamed Wael Ragab

The system follows WHO (2020) strict criteria for motility patterns & morphometric assessment of human semens.

Physical Properties

Abstinence: 5.00 Day(2-5) Collection: Masturbation
Volume (ml): 1.00 \downarrow ≥ 1.4 Vascosity: Normal
PH: 7.50 7.2 - 7.5
Liquefaction: 20.00 20 - 60 (min)
Color: Gray



SACComment

Microscopic Examination

Concentration (mil/ml):	5.00	\downarrow	≥ 16	Progressive (% A+B):	0.00	\downarrow	$\geq 32\%$
Total Count (mil/ejac):	5.00	\downarrow	≥ 39	Motility (% A+B+C):	6.00	\downarrow	$\geq 40\%$
Rapid:	0.00	%		Total Motile Count (mil):	0.30	\downarrow	> 20
Slow:	0.00	%		Vitality:	45.00	\downarrow	$\geq 58\%$
Non Prog.:	6.00	%		PX Test			
Immotile:	94.00	%		Normal Forms:	2.00	\downarrow	$\geq 4\%$

After Centrifugation

Volume (ml): ≥ 1.4 Concentration (mil/ml):
Motility (%): $\geq 40\%$
PX Test: Vitality: $\geq 58\%$

Agglutination Test

Aggregation: -VE Agglutination: NIL
Agglutination Type:

Other Cells

Pus Cells (Peroxidase): 0.10 Upto 1 (mil/ml) Conclusion: Diligasthenoteratozoospermia
Red BC: 0.00 Comment: Morphology Test, Necrozoospermia, DNA
Round | Cells: 0.10 test:



Signature: Nouran Reda

Print Date: 30/5/2024

العنوان: الدور الخامس رقم 523 - Medical Center3 بالمنطقة الحادية عشر مدينة نصر

01288013144 - 01200824173 - 02-24713430

مركز دراسات منارات هليوبوليس الدولية

البريد الإلكتروني: <https://dar-alnohka.com/>

البريد الإلكتروني: contact@dar-alnohka.com

Morphology Report



Pat. Code: 10288
Name: Abo Elhasan Elshazy Elbudraa Ahmed Date: 27/05/2024
Birth Date: 27/07/1989 Ref. Doctor: Mohamed Waal Ragab

Normal Sperms	2	Total Sperms:	100
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A. Head Abnormalities		
Normal Head:	25.00	%
Big Head:	0.00	%
Small Head:	5.00	%
Tapered Head:	20.00	%
Pyriform Head:	20.00	%
Round Head:	0.00	%
Amorphous Head:	30.00	%
Vacuolated Head:	20.00	%
Double Head:	0.00	%
Small Acrosome:	5.00	%
No Acrosome:	10.00	%
Exfoliated Head:	0.00	%

B. Neck & Midpiece Abnormalities		
Normal Midpiece:	45.00	%
Thin Neck:	0.00	%
Thick Neck:	10.00	%
Bent Neck:	20.00	%
Asymm. Insertion:	25.00	%

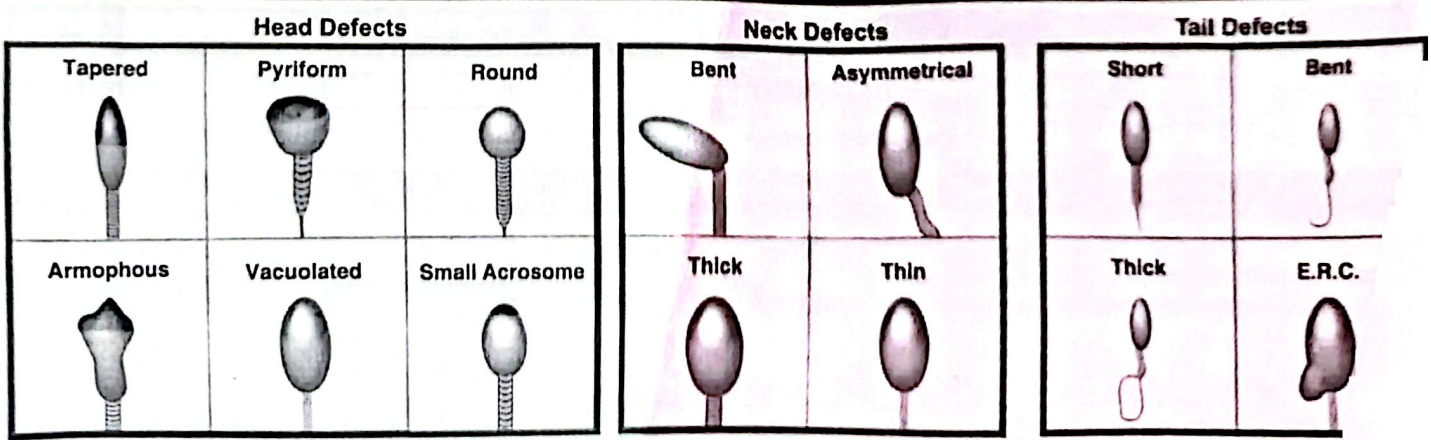
C. Excess Residual Cytoplasm (ERC)	
E.R.C.:	15.00 %

D. Principal Piece (Tail) Abnormalities		
Normal Tail:	10.00	%
Short Tail:	50.00	%
Bent Tail:	0.00	%
Multi Tail:	0.00	%
Broken Tail:	0.00	%
Coiled Tail:	40.00	%
Irregular Tail:	0.00	%

TZI (Teratozoospermic Index): 1.20
Total number of defects divided by the number of abnormal sperms.

MAI (Multiple Anomalies Index): 2.30
The mean number of anomalies per abnormal spermatozoon.

SDI (Sperm Deformity Index): 2.00
Total number of defects divided by the number of sperms counted:



Signature: No
Print Date

: الدور الخامس رقم 523 - Medical Center3 بلوك رقم 10 بالمنطقة الحادية عشر مدينة نصر

01200824173 - 02-24713430 - 01288013144

ة منارات هليوبوليس الدولية

ail : contact@dar-almoh

DNA Fragmentation Report

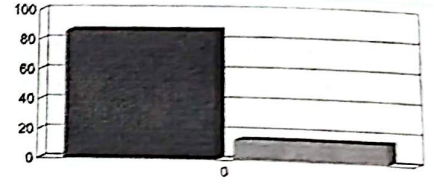


Pat. Code: 10268
Name: Abo ElHasan ElShazly ElBudraa Ahmed
Date Of Birth: 27/07/1989

Collect Date: 27/05/2024
Ref. Doctor: Mohamed Wael Ragab

Method: Test was done using sperm chromatin dispersion kit (SCD). After processing of semen sample, analysis of DFI was done, Sperms with considerable halo surrounding sperm head were counted as normal sperms, while sperms without halo were considered fragmented.

	#	%
Non Fragmented:	172	86.00
Fragmented:	28	14.00
Total Sperms:	200	100.00



Non Fragment Fragmented

	#	%
Degraded:	2	0.98
Without Halo:	14	6.86
Small Halo:	12	5.88
Medium Halo:	70	34.31
Big Halo:	102	50.00

DNA Fragmentation Index

DFI: 14.00%

→ < 15:	Excellent fertility potential
15 - 30:	Good fertility potential
> 30:	Poor fertility potential

Comment

The sample has an excellent fertility potential according to WHO strict criteria.



Non Fragmented



Fragmented



Degraded



Scrotal Duplex Study

Pat. Code: 10268
Name: Abo ElHasan ElShazly ElBudran Ahmed
Date Of Birth: 27/07/1980

Date: 30/06/2024
Ref. Doctor: Mohamed Wasl Ragab

Right Testis

It measures: x x = ml and of size.
It shows: echogenicity and Vascularity.

Left Testis

It measures: x x = ml and of size.
It shows: echogenicity and Vascularity.

Right Epididymis

It shows: echogenicity and Vascularity.

Left Epididymis

It shows: echogenicity and Vascularity.

Right Pampiniform Plexus

It shows maximum vein diameter up to: mm with valsalva manouver with:
 regurge

Left Pampiniform Plexus

It shows maximum vein diameter up to: mm with valsalva manouver with:
 regurge

Comment:

Left Refluxing Varicocele.
Right Moderate testis.

دكتور

هشام عبد الرحيم عبد الباسط
دكتوراه فى الباثولوجيا الإكلينيكية
استاذ التحاليل الطبية وأمراض الدم
كلية الطب - جامعة اسيوط



معمل د. هشام عبد الرحيم
Dr.H.A.Raheem Lab.

إسم المريض : ابوالحسن شاذلى بدرى
السن : ٣٣ سنة
تاريخ أخذ العينة : ٢٠٢٤/٥/٢٣
تاريخ إستلام النتيجة : ٢٠٢٤/٥/٢٣

SEMEN ANALYSIS

Normal Values

Coagulum	: Present	Present in fresh semen.
Liquefaction time	: 20	10-30 min.
Volume	: 1.0	2-6 ml.
Colour	: grayish white	Translucent to grayish white.
Consistency	: Normal	Threading not more than 2 cm.
Reaction	: Alkaline	Alkaline
Agglutination	: None	Less than 10%
Initial motility :-		
A-Rapid linear forward progression	: zero %	(A & B : 50% or more OR A :
B-Slow Linear & non linear progression	: zero %	25% or more within 60 minutes)
C-Non progressive motility	: 30 %	
D- Immotile	: 70 %	
Viability	: 40 %	More than 50 %
Sperm concentration	: 8 million	20-250 million /ml.
Total sperm count	: 8 million	40 million or more /ejaculate
Abnormal forms	: 90 %	Less than 70%
Spermatogenic cells	: Present	Present
Pus cells	: 1 - 2	0-5 /HPF
RBCs	: 0 - 1	0-5 /HPF

العينة أحضرت بمعرفة صاحب التحليل وتحت مسؤوليته

Signature

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Initial motility :-		
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B-Slow Linear & non linear progression	: 15 %	
C-Non progressive motility	: 25 %	
D- Immotile	: 40 %	
Rapid linear forward progression after 1 hour	: 20 %	
Sperm concentration	: 6- million	20-250 million /ml.
Total sperm count	: 6 million	40 million or more /ejaculate
Abnormal forms	: 60 %	Less than 70%
Spermatogenic cells	: Present	Present
Pus cells	: 1 - 2	0-5 /HPF
RBCs	: 0 - 1	0-5 /HPF

العينة أحضرت بمعرفة صاحب التحليل وتحت مسؤوليته

Signature

(Handwritten signature)



معمل د. هشام عبد الرحيم
Dr.H.A.Raheem Lab.

دكتور

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العينة احضرت بمعرفه صاحب التحليل وتحت مسؤوليته

Signature