

## Madinah Specialist Medical Laboratory

Acc. No.	: LR-2026-00279	Referring No.	: -
Branch	: Jeddah	Visit Date	: 05/06/2026 07:18 PM
Patient Name	: EMAD AHMED	Result Date	: 06/06/2026 03:00 AM
Patient Number	: MRN-000013	Sample	: -
Patient ID	: 2254287192	Report ID	: LR-2026-00279
Gender/Age	: Male 49 Y		

### SEMEN EXAMINATION UNIT

Test	Result	Unit	Ref. Range
<b>Collection Info</b>			
Collection Location	inside lab		
Collection Method	masturbation		
Abstinence	3.0	Day	2 - 7 days
<b>Semen Description</b>			
VOLUME	3	ml	> 1.5
Viscosity	Normal		Normal
PH value :	8.0	ph	7.2 - 8
Odor	normal		Normal
Liquefaction Time	25.0	min	Less than 30 min
Liquefaction State	Normal		Normal
<b>SPERM MORPHOLOGY STUDY</b>			
Normal Sperm :	15.0	%	up to 4% accepted
Abnormal Sperm :	85.0	%	up to 96 %
Vitality	45.0	%	> 58
Pinheads	4.0	million/mL	
<i>**Pinhead sperms are not counted as spermatozoa or head defects because they possess no chromatin or head structure anterior to the basal plate</i>			
<b>CONCENTRATION &amp; MOTILITY ANALYSIS</b>			
Total motility PR+NP :	30.0	%	>=40%
Progressive motility PR (A) :	5.0	%	>= 32%
Non progressive NP (B) :	25.0	%	>=40%
Sluggish motility (C) :	30.0	%	

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Immotile IM :      40.0      %      less than 50 %  
Concentration /ml      17.0      million/mL      >= 15 million /ml  
Total Sperm :      51.0      million/mL

*\*\*progressive motility PR : spermatozoa moving activity, either linearly or in a large circle, regardless of speed.  
\*\*Non progressive NP : all other patterns of motility with an absence of progression.  
\*\*Immotile IM : no movement*

#### Cells other than sperms Exam

White Blood Cells      0 -1      H.P.F      < 5 / HPF  
Red Blood Cells      0 - 1      H.P.F      < 5 / HPF  
Spermatogenic Cells      variable      Variable  
Epithelial Cells :      Absent      Absent  
Others      nil

#### Agglutination & Aggregation

Aggregation      Absent      Absent  
Agglutination      Absent      Absent

Comment

**The Semen  
Exam Failed To  
Pass The  
W.H.O Strict  
Criteria For  
Count And  
Motility**

Signature

*Hazem Hamdy*

Stamp

