



TESTING LABORATORY:
MEDICAL ELECTRONIC SYSTEMS
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LABORATORY DIRECTOR:
DR. WILLIAM ROUDEBUSH, PHD, HCLD
CLIA ID NUMBER: 05D2315673
CAP NUMBER: 9710818

SEmen ANALYSIS TEST REPORT

ORDER INFORMATION

ORDER ID:	MES-103118	TRANSPORT KIT ID:	1000001476
ORDER PHYSICIAN:	Dr.Michael J Bauer,MD	PHYSICIAN LICENCE:	1346417086
PHYSICIAN PHONE:	8482566315	PHYSICIAN MAIL:	contact@mate.health

PATIENT INFORMATION

FIRST NAME:	Ammar	LAST NAME:	Alghafari
PATIENT ID:	1761664009175	BIRTH DATE:	10/17/1974
PATIENT AGE:	51	PATIENT SEX:	MALE

SAMPLE INFORMATION

SAMPLE ID:	NA	TEST RUN BY:	Administrator
TEST TYPE:	TRANSPORTED	CRITERIA:	WHO 6TH
COLLECTED DATE / TIME:	11/3/2025 10:30	SAMPLE TESTED:	DILUTED
RECEIVED DATE / TIME:	11/4/2025 10:32	OPTIONAL 1:	NA
TEST DATE / TIME:	11/4/2025 10:44	OPTIONAL 2:	NA
APPEARANCE:	Clear/White/Grey		

PARAMETER	RESULT	REF. VALUE	STATUS
VOLUME (ml):	1.88	>= 1.4	
DEBRIS / ROUND CELLS:	NONE/FEW		
CONCENTRATION (M/ml):	121.7	>= 16	
MOTILITY (%):	32	>= 42	↓
PROGRESSIVE (%):	23	>= 30	↓
RAPIDLY PROGRESSIVE (%):	20		
SLOWLY PROGRESSIVE (%):	3		
NON-PROGRESSIVE (%):	9		
IMMOTILE (%):	68		
MORPH. NORMAL FORMS (%):	2	>= 4	↓
DNA FRAGMENTATION INDEX DFI (%):	29.0	< 30	
MOTILE SPERM CONC. (M/ml):	38.9		
PROG. MOTILE SPERM CONC. (M/ml):	28.0		
RAPID PR MOTILE SPERM CONC. (M/ml):	24.3		
SLOW PR MOTILE SPERM CONC. (M/ml):	3.7		
FUNCTIONAL SPERM CONC. (M/ml):	1.4		
VELOCITY (mic/sec):	43		
SPERM # (M/volume):	228.8	>= 39	
MOTILE SPERM (M/volume):	73.1		
PROG. MOTILE SPERM (M/volume):	52.6		
FUNCTIONAL SPERM (M/volume):	2.6		
MORPH. NORMAL SPERM (M/volume):	4.6		

COMMENTS:

Patient label not present. Mate Health informed. M.D. requested sample be tested.

REPORT CONTINUED | PATIENT ID: 1761664009175 | TEST DATE / TIME: 11/4/2025 10:44

DNA FRAGMENTATION REPORT	RESULT	COLOR
# Sperm Counted:	100	
LARGE HALO (%):	7	Blue
MEDIUM HALO (%):	64	Cyan
SMALL HALO (%):	27	Green
NO HALO (%):	2	Orange
NO HALO - DEGRADED (%):	0	Red

