

Patient ID SA00176496	Patient Name TESTPATIENT, SEMB	Birth Date 1989-01-01	Sex M	Age 36
Order Number SA00176496	Client Order Number SA00176496	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 20 Jul 2025 00:00		

Semen Analysis with Strict Morphology

Semen Analysis

Appearance

 Red
Abn

MCR

Semen Volume

 1.0 mL
Low

MCR

Reference Value
≥1.5

pH

 7.0
Low

MCR

Reference Value
≥7.2

Motile/mL

 1.0 x10(6)
Low

MCR

Reference Value
≥6.0

Sperm/mL

 4.1 x10(6)
Low

MCR

Reference Value
≥15.0

Motility

 24 %
Low

MCR

Reference Value
≥40

Grade

 2.0
Low

MCR

Reference Value
≥2.5

Motile/Ejaculate

 1.0 x10(6)

MCR

Reference Value
≥9.0

Viscosity

 2.0
Low

MCR

Reference Value
≥3.0

Agglutination

 2.0
Low

MCR

Reference Value
≥3.0

Supravital Stain

 25 % live
Low

MCR

Reference Value
≥58

Abstinence

1.0 d
Two to seven days of abstinence recommended for fertility testing. Patient reported that his days of abstinence did not fall within the recommended range at testing and thus, test results may not accurately reflect patient's fertility status.

MCR

Collection Site

Referring Institution

MCR

Study Type

Semen

MCR

Container Type

50 mL Conical

MCR

Comment

An unapproved method was used for semen collection. An unapproved lubricant was used for semen collection. The first portion of ejaculate missed specimen container. Thus, test

MCR

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	Nikola Baumann Ph.D.	24D0404292



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results may not accurately reflect patient's fertility status. If reported, the specimen's appearance, volume, pH and viscosity were provided by referring personnel.

Multiple laboratory studies have indicated that semen parameters for motility and grade on average retain 80% of

original parameters when our shipping method is used for transport. Using these averages, samples with 32% to 39% motility and grades of 2 may be in normal range if testing was performed within 1 hour following collection. Therefore, these borderline patients may need to collect another sample at a local fertility center to verify fertility status.

Strict Criteria Sperm Morphology

Strict Morph NL

 2.0 %


MCR
Reference Value
≥4.0

Germ Cells/mL

 4.10 x10(6)


Elevated germinal cells in semen are of unknown clinical significance.

MCR
Reference Value
<4.00

WBC/mL

 1.03 x10(6)


Elevated white blood cells in semen are of questionable clinical significance.

MCR
Reference Value
<1.00

Acrosom Defect

8.0 %

MCR

Head Shape Abnormal

20.0 %

MCR

Head Size Abnormal

20.0 %

MCR

Midpiece Defect

20.0 %

MCR

Tail Defect

10.0 %

MCR

Double Forms

10.0 %

MCR

Multiple Defects

10.0 %

MCR

Received: 21 Jul 2025 14:24

Reported: 22 Jul 2025 08:07

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MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	Nikola Baumann Ph.D.	24D0404292