

Reporting Title: Strict Sperm Morphology, Slide
Performing Location: Rochester

Ordering Guidance:

Additional Testing Requirements:

Conventional semen analysis (FER / Semen Analysis, Semen) should be performed in conjunction with each strict criteria sperm morphology.

Shipping Instructions:

Send specimen Monday through Friday

Necessary Information:

Sperm count/mL is required (million/mL).

Specimen Requirements:

Patient Preparation: Patient should have 2 to 7 days of sexual abstinence at the time of semen collection for accurate results.

Container/Tube: Slides

Specimen Volume: 2 slides-10 microL of liquefied semen on each slide

Collection Instructions:

- If sperm concentration is <10 million/mL, centrifuge the specimen at 300 x G for 10 minutes before making slides.
- Label 2 frosted slides **in pencil** with the patient's first and last name and the date of specimen collection. No adhesive labels.
- Allow the semen to liquefy for 30 minutes.
- Place 10 mCL of liquefied semen on the label end of each slide, and evenly smear the specimen using a plain slide (this process is the same as making a blood smear).
- Allow the smears to air dry for 15 minutes before placing both slides into 1 slide holder for shipment.

Specimen Type	Temperature	Time	Special Container
Semen	Ambient		

Ask at Order Entry (AOE) Questions:

Test ID	Question ID	Description	Type	Reportable
MSTC1	OSSC1	Sperm Count/mL(x10(6), XX.X)	Plain Text	Yes

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
OVAL2	Strict Morph NL	Numeric	%	10622-9
ACRSM	Acrosom Defect	Numeric	%	66494-6
HDSAB	Head Shape Abnormal	Numeric	%	66495-3

HDZAB	Head Size Abnormal	Numeric	%	66496-1
MD	Midpiece Defect	Numeric	%	10603-9
TAILD	Tail Defect	Numeric	%	10604-7
DBLF	Double Forms	Numeric	%	66497-9
MULTI	Multiple Defects	Numeric	%	66498-7
GERM3	Germ Cells/mL	Numeric	x10(6)	10576-7
WBC6	WBC/mL	Numeric	x10(6)	10579-1
CMT56	Comment	Alphanumeric		48767-8

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

89398

Reference Values:

Normal forms: > or =4.0%

Germinal cells/mL

<4 x 10(6) (normal)

> or =4 x 10(6) (elevated germinal cells in semen are of unknown clinical significance)

WBC/mL

<1 x 10(6) (normal)

> or =1 x 10(6) (elevated white blood cells in semen are of questionable clinical significance)