

**Reporting Title:** Strict Criteria Sperm Morphology  
**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

**Ordering Guidance:**

**Additional Testing Requirements:**  
Conventional semen analysis, FER / Semen Analysis, Semen. should be performed in conjunction with this test.

**Shipping Instructions:**  
Semen specimen must arrive within 24 hours of collection. Send specimen Monday through Thursday only and not the day before a holiday. If holiday falls on a Saturday, holiday will be observed on the preceding Friday. Sunday holidays are observed on the following Monday. Specimen should be collected and packaged as close to shipping time as possible. **Laboratory does not perform testing on weekends.**

**Necessary Information:**  
Specimen volume is required.

**Specimen Requirements:**  
**Container/Tube:** Semen Analysis Kit (T178)  
**Collection Instructions:** Patient should have 2 to 7 days of sexual abstinence at the time of semen collection for accurate results.  
**Specimen Volume:** Total ejaculate

Specimen Type	Temperature	Time	Special Container
Semen	Ambient		

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
OVAL2	Strict Morph NL	Numeric	%	10622-9
ACRSM	Acrosom Defect	Numeric	%	In Process
HDSAB	Head Shape Abnormal	Numeric	%	In Process
HDZAB	Head Size Abnormal	Numeric	%	In Process
MD	Midpiece Defect	Numeric	%	10603-9
TAILD	Tail Defect	Numeric	%	10604-7
DBLF	Double Forms	Numeric	%	In Process
MULTI	Multiple Defects	Numeric	%	In Process
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)