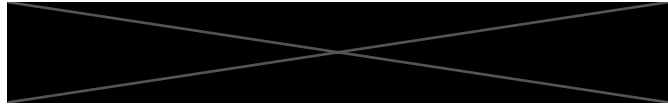


# For Medical Professionals

## Semen analysis + sperm DNA fragmentation



Analyzed on: 12/05/2025

	VALUE	WHO 6TH NORMAL THRESHOLD
<b>Analysis information</b>		
Date and time of analysis	12/05/2025 12:08 PM (EST)	
Days of abstinence	3	
Date and time of collection	12/04/2025 11:44 AM (EST)	
Entire specimen collected	Yes	
Percentage of specimen sample missing	N/A	

### Semen analysis

Volume	2.40 mL	≥1.4 mL
Total count	51.81 M	≥39 M
Total motile count	3.19 M	≥20 M
Concentration	21.59 M/mL	≥16 M/mL
Motility	6.15%	≥42%
Morphology (WHO)	4.00%	≥4%

The parameters reported above are calculated based on the total volume of the sample received in our lab.

### DNA fragmentation

DNA fragmentation	27.00%	≤30% reference range (WHO)
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In line with WHO recommendations, Legacy has validated this reference range for DNA Fragmentation index using the Legacy kit.

*The FDA does not require this test to go through premarket FDA review. This test is used for clinical purposes. It should not be regarded as investigational or for research.*

### Motion analysis

Total motility	6.15%	≥42%
Progressive motility	3.74%	≥30%

### Post-thaw analysis

Vials cryopreserved		
Post-thaw motility	N/A	N/A

Sample was centrifuged at 2000 rpm for 10 minutes. Pellets were re-suspended and observed under the microscope.

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**Lab observations**

The submitted sample contained debris.

Check with your doctor.

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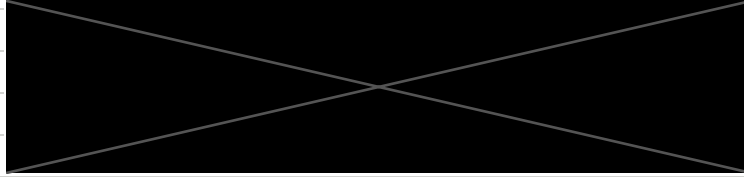
**Lab information**

Lab

Lab address

Lab director

Technologist



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**Test limitations: semen analysis with the addition of transport media and overnight shipping may present concentration and motility variations when compared to specimens processed in an in-clinic setting.**