

For Medical Professionals

Semen analysis

John Doe Client ID: 123456
 01/01/1990 Kit #12345678
 Analyzed on: 02/13/2026

	VALUE	WHO 6TH NORMAL THRESHOLD
Analysis information		
Date and time of analysis	02/13/2026 02:09 PM (EST)	
Days of abstinence	0	
Date and time of collection	02/12/2026 02:47 PM (EST)	
Entire specimen collected	Yes	
Percentage of specimen sample missing	N/A	
Semen analysis		
Volume	2.10 mL	≥1.4 mL
Total count	81.00 M	≥39 M
Total motile count *	70.49 M	≥20 M
Concentration	38.57 M/mL	≥16 M/mL
Total motility observed at lab	76.00%	
Estimated initial total motility *	87.02%	≥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	N/A	≤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

Progressive motility observed at lab	60.00%	
Estimated initial progressive motility *	71.70%	≥30%

Post-thaw analysis

Vials cryopreserved	4	
Post-thaw motility	45.62%	N/A

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

Lab observations

The submitted sample contained debris.

Lab information

Lab	Give Legacy - New Jersey, LLC, CLIA: 31D2285605
Lab address	22 Hudson Place, Suite 4N & 4S, Hoboken, NJ 07030
Lab director	Emanuela Molinari, PhD, HCLD
Technologist	Xiti Joshi

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.

* **Estimated initial & progressive motility** refers to the percentage of sperm cells that were likely motile/progressively motile in the patient's fresh ejaculate. This is based on research that factors in typical hourly motility decline of samples shipped in the Legacy kit, how long the sample was in transit, and the observed motility of the sample upon arrival to our lab. Other parameters are not impacted by shipment. Total motile count is calculated using estimated initial motility.