

Diagnostic Test Information Sheet S1

- Test Name:** Semen Analysis
- Test code:** SA
- Special Precautions:** Refer to patient collection instructions under Booking Appointments web page
- Specimen Handling and Shipping:**
- keep the container close to the body to ensure it is at body temperature and bring the container within 30 minutes of collection to Novavita lab at the appointment time arranged.
 - Print patient's name and time of collection on the container for drop-off specimens.
- Criteria for acceptance/rejection:**
- Specimens that arrive at the lab more than 2 hours after collection will be rejected.
 - Specimens that do not have patient's name or time of collection on the container will be rejected.
 - Specimens that are less than 100ul will be rejected.
 - Specimens that are not collected in a sterile container will be rejected.

Reference Range:

Parameter	Reference Range
Time since collection	≤ 60 minutes
Semen appearance	Opaque
Semen Viscosity	Normal
Semen Liquefaction	≤ 60 minutes
Semen pH	≥ 7.2
Semen volume	≥ 1.4 ml
Sperm Concentration	≥ 16 Mil/ml
Total Motility	≥ 42 %
Progressive Motility	≥ 30 %
Immotile	≤ 20 %
Normal forms	≥ 4 %

Reference range based on World Health Organization (WHO) Laboratory Manual for the Examination and Processing of Human Semen 6th Edition

- Turnaround Time:** Not available on a STAT basis.
Routine: 5-7 days
- Sample Type:** Semen
- Sample Container:** Sterile container
- Minimum Volume:** 500 ul

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Method: Hamilton Thorne CEROS II / Manual Analysis

Stability Time: 1 hour

Measurement Uncertainty: Available upon request. Please call 604-336-2090 or email info@novavitalaboratory.com.

Comment: Lengthy delays between collection and examination time will significantly affect the interpretation of the results.

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