

Semen Analysis Complete

Order Name: **SEMEN ONLY**
Test Number: 2901101
Revision Date: 02/25/2026

TEST NAME	METHODOLOGY	LOINC CODE
Semen Analysis Complete	Mixed Technology	

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	See Instructions	Semen	Sterile Screwtop Container	37°C (Body Temp)
Instructions	Must Call the Patient Service Center (918) 216-9440 to schedule specimen drop off! Specimens will NOT be accepted without an appointment. Volume: Entire ejaculate, Freshly collected sample, Specimen container: Clean, no additive container Provided by the Patient Service Center. Stability: Less than 2 hours from collection. Transport: Specimens should be sent to the laboratory at or near body temperatures (20°C to 37°C). Do not refrigerate or freeze. Note: Specimens should be submitted ASAP, Not exceeding 1 hour after collection. Download: Click Here to view Collection instructions. Labcorp Oklahoma, Inc 9330 E 41st Street Tulsa, OK 74145			

GENERAL INFORMATION	
Testing Schedule	Mon - Fri (09:00am -11:00am)
Expected TAT	1-2 Days
Clinical Use	Used to aid in the evaluation/diagnosis of male sub-fertility Performed by Labcorp Oklahoma, Inc. References: World Health Organization. WHO Laboratory Manual for the Examination and Processing of Human Semen. 5th ed. Geneva, Switzerland: WHO; 2010.
Notes	



RESULT CODE	RESULT NAME	RESULT LONG NAME
2929125	Semen Coll Time	Collection Time for Semen Analysis
2929175	Semen Rcvd Time	Received Time for Semen Analysis
2901250	Sem Tim Analyz	Semen Time Analyzed
5197097	Abstinence	Time Since Last Emission
5197098	SA Appearance	Semen Analysis Appearance
5197099	SA Viscosity	Semen Analysis Viscosity
2922150	Liquefaction	Liquefaction
5197113	SA Vitality	Semen Analysis Vitality
5197116	SA Sperm Conc	Semen Analysis Sperm Concentration
2901401	Motility(PR+NP)	Sperm Motility Percent
2901402	Progressive	Progressive Motility (PR)
2901404	NonProgMot	Non-progressively motile (NP)
2901406	Immotile(IM)	Immotile(IM)
5197101	Normal FormsPct	Normal Forms Pct
5197102	FunctionalSperm	Functional Sperm
5197103	FunSpermConc	Functional Sperm Concentration
5197104	MorphNormSperm	Morphology Normal Sperm
5197115	Total Sperm #	Total Sperm Count
5197105	Motile Sperm	Total Motile Sperm
5197106	MotileSpermConc	Motile Sperm Concentration
5197107	NonSpecificAgg	Non-Specific Aggregation
5197108	SA pH	Semen Analysis pH
2901500	Volume	Semen Volume
2922152	Agglut. Grade	Agglutination Grade
5197109	ProgMotileSperm	Progressively Motile Sperm
5197110	ProgMotSpermCn	Progressively Motile Sperm Conc
2901513	SA RBC	Semen Analysis RBC
5197111	DebrisRoundCell	Debris/Round Cells
5197100	SA Epithe Cells	Semen Analysis Epithelial Cells
5197112	SA Trichomonas	Semen Analysis Trichomonas
2901519	SA Bacteria	Semen Analysis Bacteria
5197114	SA WBC Conc	Semen Analysis WBC Concentration

CPT Code(s)

89320

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