



# Labsmart Software

## Sample Letterhead

+91 12345 67890

yourlabname@gmail.com

<https://www.yourlabname.in/>**Mr. Dummy**

Age / Sex : 28 YRS / M  
 Referred by : Dr. Sachin Patil (MBBS)  
 Reg. no. : 1113



1113

Registered on : 25/11/2024 01:01 PM  
 Collected on : 25/11/2024  
 Received on : 25/11/2024  
 Reported on : 25/11/2024 01:01 PM

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**CLINICAL PATHOLOGY**

TEST	VALUE	UNIT	REFERENCE
SEMEN EXAMINATION			
PHYSICAL AND CHEMICAL CHARACTERISTICS			
QUANTITY	3	ml	2 - 3
COLOUR	Whitish		
PH	Alkaline		
COLLECTION AT	Lab		
LIQUEFACTION TIME	30	min	
MICROSCOPIC EXAMINATION			
TOTAL SPERM COUNT	160	million/cumm	60 - 200
RAPID PROGRESSIVE	50	%	
SLUGGISH PROGRESSIVE	23	%	
NON PROGRESSIVE	44	%	
IMMOTILE	-17	%	
ABNORMAL FORMS	44	%	
EPITHELIAL CELLS	Few	/HPF	
R.B.C.	Nil	/HPF	
PUS CELL	2-3	/HPF	

**Method:** Semen is collected in a urine container after masturbation following 3 days of abstinence from ejaculation. Specimen must be examined promptly.

**Physiologic Basis:** Conventional semen analysis includes the determination of sperm count, semen volume, sperm motility (qualitative and quantitative), and sperm morphology. In addition to sperm count, sperm morphology and motility may have the most predictive utility. Infertility can be associated with low counts or with sperm of abnormal morphology or decreased motility.

**Interpretation:** Decreased in- Primary or secondary testicular failure, cryptorchidism, following vasectomy, drugs.

**Comments:** A low sperm count should be confirmed by sending two other appropriately collected semen specimens for evaluation. The usefulness of conventional semen analysis parameters as predictors of fertility is somewhat limited. Therefore, alternative tests based on more functional aspects (sperm penetration, capacitation, acrosome reaction) have been developed.

~~~ End of report ~~~

Mr. Sachin Sharma  
DMLT, Lab Incharge

Dr. A. K. Asthana  
MBBS, MD Pathologist

NOT VALID FOR MEDICO LEGAL PURPOSE

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.