



HR NO	: IHR-494	Bill No	: IHR20-18
Name	:	Bill Date	: 05/05/2020
Age/Gender	: 47Y/ Male	Contact No	:
Ref. By	:	Report Date	: 05/05/2020

## **EXAMINATION OF SEMEN FLUID**

### **GENERAL INFORMATION**

Method of Collection	: Masturbation	Ejaculated at	: 12:05 PM
Spillage	: Nil	Received at	: 12:10 PM
Container	: Satisfactory	Preserved at	: 37 Degree C
Abstinence	: 02 Days	Examined at	: 12:30 PM

### **PHYSICAL EXAMINATION**

Appearance	: Grey Opalescent	Self liquefaction time	: 20 Minutes
Volume	: 1.5 ml	Viscosity	: Normal

### **CHEMICAL EXAMINATION**

Fructose	: Present	PH	: 8.0
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### **MICROSCOPIC EXAMINATION**

Sperm Count	: 105 Millions/ml	Total Sperm Count	: 157.5 Millions/ejaculation
Motile Spermatozoa	: 67 %		

#### **GRADING OF MOTILITY**

a) Progressive	: 60 %
b) Non-Progressive	: 07 %
c) Immotile	: 33 %

#### **SPERM MORPHOLOGY**

a) Normal Sperm	: 05 %
b) Head Defects	: 78 %
c) Neck Defects	: 59 %
d) Tail Defects	: 19 %
e) Cytoplasmic droplet	: 01 %

(Addition of above need not be 100 as one sperm may have multiple defects)

Teratozoospermia Index	: 1.6
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• Agglutination	: Present
Absolute Sperm Yield	: 64 Millions/ejaculation
Sperm Vitality	: 74 %
Round Cell	: 1-2 /HPF
Others	:
<b>IMPRESSION</b>	: NORMAL STUDY
<b>ADVICE</b>	:

for Institute of Human Reproduction

(NB: Not for Medical legal purpose. Results to be correlated with clinical findings for a final diagnosis)-RB/RB