

SEMEN ANALYSIS; SEMINOGRAM

(Physical & Chemical Examination, Microscopy)

PARAMETERS	RESULT	UNITS	REFERENCE RANGE
Physical Examination			
Time of specimen		AM/PM	
Time of examination		AM/PM	
Duration of abstinence		days	2-7
Liquefaction at 37 ° C		minutes	30-60
Volume		mL	>1.5
Appearance			
Color			
Viscosity			
pH			7.2-7.8
Microscopic examination			
Total sperm concentration		Million/mL	>15
Percentage motility		%	>50
Grade A		%	Fast progressive
Grade B		%	Slow progressive
Grade C		%	Immotile
Vitality		%	>58 %
Agglutination			Negative
Pus cells		/hpf	Nil
Red Blood cells		/hpf	Nil
Epithelial cells		/hpf	Nil
Morphology			
Normal morphology		%	>4.0%
Abnormal morphology		%	
(a) Head defects		%	
(b) Neck & mid piece		%	
(c) Tail defects		%	
Chemical Examination			
Semen Fructose, Qualitative			Positive