



**TDL PATHOLOGY REPORT**  
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ANDROLOGY

SEMINAL FLUID

	Patient values	Ref [WHO 2009]
Duration of abstinence [days]	: 3	
Time from ejaculation [mins]	: 65	
<b>* Macroscopic Examination</b>		
Volume [ml]	: 4.2	: 1.5 or more
Appearance	: Streaky	: Normal
Liquefaction	: Incomplete	: Complete
Viscosity	: Very viscous	: Normal
pH	: 8.2	: 7.2 - 8.0
Debris	: +	
Agglutination	: Not significant	
<b>* Motility [% spermatozoa]</b>		
Total motility	: 34	: 40 or more
Progressive	: 24	: 32 or more
Non-progressive	: 10	
Immotile	: 66	
vitality [% live]	: 70	: 58 or more
<b>* Antisperm Antibodies (Key: h = head, t = tail)</b>		
*MAR test for IgA	: 10 (9t, 1h+t)	: less than 10
MAR test for IgG	: <10	: less than 10
<b>Concentration</b>		
Count [million/ml]	: 37	: 15 or more
Total count [million]	: 155	: 39 or more
<b>Other Cells [million/ml]</b>		
Round cells	: 0.4	: less than 5
Polymorphonuclear leukocytes	: <1	: less than 1
Erythrocytes	: Not significant	
<b>* Morphology [ % ]</b>		
Normal	: 3	Kruger strict criteria : 4 or more
Abnormal	: 97	
Head defects	: 97	
Midpiece defects	: 28	
Tail defects	: 9	
Cytoplasmic droplets	: 8	
Teratozoospermia index [TZI]	: 1.46	: 1.6 or less

COMMENT: Teratozoospermia, mainly tapered, pyriform head defects.  
 Equivocal levels of antisperm antibodies detected (IgA).

\*\*\*\*\* ALERT \*\*\*\*\*  
 Please note that reference values for semen parameters have changed. New WHO 2009 guidelines