



THE DOCTORS LABORATORY

TDL PATHOLOGY REPORT

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ANDROLOGY

SEMINAL FLUID
Partner's name:

	Patient values	Ref [WHO 2009]
Duration of abstinence [days]	: 3	
Time from ejaculation [mins]	: 60	

Macroscopic Examination		
Volume [ml]	: 4.6	: 1.5 or more
Appearance	: Gel bodies	: Normal
Liquefaction	: Complete	: Complete
Viscosity	: Viscous	: Normal
pH	: 7.5	: 7.2 - 8.0
Debris	: +	
Agglutination	: +/-	

Motility [% spermatozoa]		
Total motility	: 59	: 40 or more
Progressive	: 29	: 32 or more
Non-progressive	: 30	
Immotile	: 41	

Vitality [% live]	: >58	: 58 or more

Antisperm Antibodies [%]		
MAR test for IgA	: <10	: less than 10
MAR test for IgG	: <10	: less than 10

Concentration		
Count [million/ml]	: 64	: 15 or more
Total count [million]	: 294	: 39 or more

Other cells [million/ml]		
Round cells	: 0.3	: less than 5
Polymorphonuclear leukocytes	: <0.3	: less than 1
Erythrocytes	: Not significant	

Morphology [%]		Kruger strict criteria
Normal	: 5	: 4 or more
Abnormal	: 95	
Head defects	: 95	
Midpiece defects	: 22	
Tail defects	: 10	
Cytoplasmic droplets	: 5	
Teratozoospermia index [TZI]	: 1.39	: 1.6 or less

COMMENT: Seminal plasma anomalies. All other major parameters are within reference range.