

## SEMEN ANALYSIS - TEST REPORT

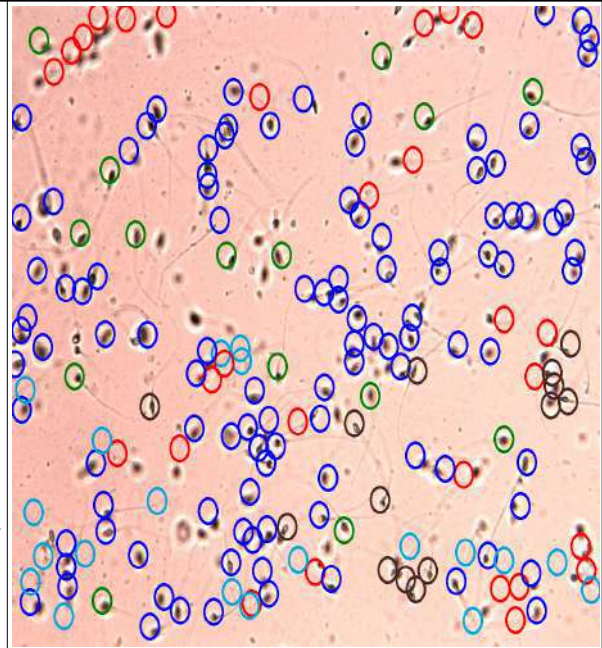
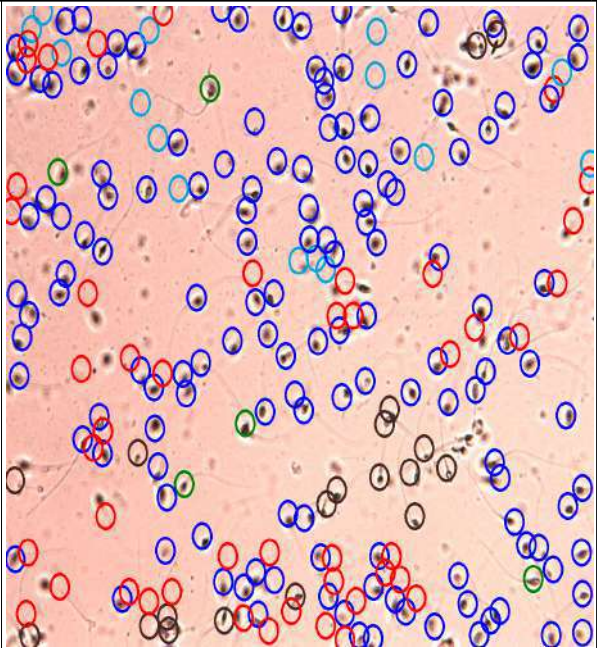
### SAMPLE INFORMATION

PARAMETER	RESULT	REF.VALUE	↑↓	ANALYSING CHART
CONCENTRATION (M/ml)	128.4	>= 16		<p style="text-align: center;"><b>Motility</b></p> <p style="text-align: center;"><b>Sperm Motility Index</b></p>
MOTILITY (%)	38	>= 42	↓	
PROGRESSIVE (%)	30	>= 30		
RAPIDLY PROGRESSIVE (%)	15			
SLOWLY PROGRESSIVE (%)	15			
NON-PROGRESSIVE (%)	8	<= 1	↑	
IMMOTILE (%)	62	<= 20	↑	
MORPH. NORMAL FORMS (%)	7	>= 4		
MOTILE SPERM CONC. (M/ml)	48.9	>= 6		
PROG. MOTILE SPERM CONC. (M/ml)	38.7	>= 5		
RAPID PR MOTILE SPERM CONC. (M/ml)	19.5			
SLOW PR MOTILE SPERM CONC. (M/ml)	19.2			
FUNCTIONAL SPERM CONC. (M/ml)	6.5	>= 0.2		
VELOCITY (mic/sec)	38	>= 5		
SPERM MOTILITY INDEX	150	>= 80		
<b>TOTAL EJACULATION</b>	<b>RESULT</b>	<b>REF.VALUE</b>	<b>↑↓</b>	
SPERM # (M/ejac)	308.2	>= 39		
MOTILE SPERM (M/ejac)	117.4	>= 16		
PROG. MOTILE SPERM (M/ejac)	92.9	>= 12		
FUNCTIONAL SPERM (M/ejac)	15.6	>= 0.6		
MORPH. NORMAL SPERM (M/ejac)	21.6	>= 2		
<b>ADDITIONAL INFORMATION</b>	<b>RESULT</b>	<b>REF.VALUE</b>	<b>↑↓</b>	
VOLUME (ml)	2.40	>= 1.4		
WBC CONC. (M/ml)	<1	< 1		
pH	8.0	>= 7.2		

MORPHOLOGY TEST REPORT

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PARAMETER	RESULT	REF.VALUE	ANALYSED CHART
NORMAL (%)	7	>= 4	<p style="text-align: center;"><b>Morphology</b></p> <p>65%</p> <p>19%</p> <p>9%</p> <p>7%</p> <p>0%</p> <p>0%</p> <ul style="list-style-type: none"> <li><span style="color: green;">■</span> NORMAL (%)</li> <li><span style="color: blue;">■</span> ABNORMAL HEADS (%)</li> <li><span style="color: red;">■</span> ABNORMAL MIDPIECES (%)</li> <li><span style="color: purple;">■</span> ABNORMAL PRINCIPAL PIECES (%)</li> <li><span style="color: teal;">■</span> ABNORMAL TAILS (%)</li> <li><span style="color: darkgreen;">■</span> EXCESS RESIDUAL CYTOPLASM (%)</li> </ul>
ABNORMAL HEADS (%)	65		
ABNORMAL MIDPIECES (%)	19		
ABNORMAL PRINCIPAL PIECES (%)	0		
EXCESS RESIDUAL CYTOPLASM (%)	0		
ABNORMAL TAILS (%)	9		
PINHEAD (%)	8		



CAPTURED IMAGES

