

SEmen ANALYSIS REPORT

Patient's name	Mr John Smith		
Patient's D.O.B	18-09-1980		
Partner's name	Mrs Jane Smith		
Partner's D.O.B	05-05-1988		
Date of analysis	06-03-2019	Period of abstinence	5 days
Time of production	09:30	Time of analysis	10:53
Place of production	CREATE St. Paul's clinic	Analysed by:	Sara Jones

PATIENT SAMPLE INFORMATION			
Areas Tested	Patient Sample Results	Indicator vs WHO	Standard Minimum Levels (Defined by World Health Organisation 2010)
Sample volume (ml)	1.90 ml		Equal or greater than 1.5 ml
pH	7.70		7.2-8.0
Appearance	Normal		Normal
Viscosity	Normal		Normal
Liquefaction	Complete		Complete within 20 minutes
Density (million per ml)	103		Greater than 15 million/ml
Total count (million)	287		Greater than 39 million
Total motility %	43%		Equal / Greater than 40%
Progressive	30%		Equal / Greater than 32%
Immotile	19%		Equal to / Less than 60%
Morphology %	4%		Equal to / Greater than 4%
Other parameters			
Agglutination			
Aggregation			
Round cells ($\times 10^6$ /ml)			>1.0 x 10/6/ml
Debris			+
MAR Test			

Conclusions:

You are showing signs of **Oligoteratozoospermia**. This means that you may have a very low sperm count. With this sort of fertility issue, you are likely to need to have further treatment and this condition often requires ICSI treatment.

Understanding this report:

This report shows ideal results in green and other results in amber. We have attached a report guide to help you better understand your result and clarify any questions you may have. You can also go to the CREATE website page: bit.ly/semen-analysis for a bit more information.

This report may seem complicated and is designed to be read and interpreted by a medical professional, we always recommend you seek further help if you require a fuller understanding and explanation. If you wish to discuss it further and don't already have an appointment booked in with a medical professional we recommend discussing it with your GP, a private consultant, or you can book a paid follow up call with CREATE.

To book a follow-up consultation with a clinician please call **0333 240 7300** now as places are limited.

(The results detailed on this report relate to a semen analysis performed on a sample produced on the date stated above and are not necessarily indicative of any subsequent sample produced or proof of fertility. We recommend that you come back in for a repeat semen analysis in four weeks so we can confirm this diagnosis.)

SEmen ANALYSIS SUPPORT CHART

The semen analysis report is designed to be read by a medical professional who will be able to interpret the results and recommend next steps. This chart has been designed to help you to understand your report in more detail.

NAME	DESCRIPTION	OPTIMAL/NORMAL RESULT (based on World Health Organisation values)	SUB-OPTIMAL RESULT
Volume	The amount of semen produced in the sample.	● More than 1.5ml ($\geq 1.5\text{ml}$)	● Less than 1.5ml ($< 1.5\text{ml}$)
pH	pH level in the sample should be slightly alkaline.	● Between 7.2 and 8	● Under 7.2 or over 8
Appearance	Categories are stated as: clear, normal or slightly clear.	● Normal	● Clear, slightly clear
Viscosity	Categories are stated as: highly viscous, slightly viscous or normal.	● Normal	● Highly/slightly viscous
Liquefaction	This is the time it takes for the sample to change from a thick gel into a liquid. Stated as a time depending on how long it takes to change.	● 20 minutes or less	● 20 minutes +
Density	This is the number of sperm you have per ml sample.	● 15 million/ml or above	● Below 15 million/ml
Motility	This is the proportion of swimming sperm. Categorised by: progressive and immotile.	● Progressive: 32% or greater ● Immotile: 60% or less	● Below 32% ● More than 60%
Morphology	This refers to the size and shape of the sperm. You would ideally, need an acceptable amount of normal sperm.	● 4% or greater	● Below 4%
Other parameters	For further information on other meanings from this report please visit our website page: bit.ly/semen-analysis		



If you wish to discuss your results further and don't already have an appointment booked in with a medical professional, we recommend discussing it with your GP, a private consultant or you can schedule a paid follow up call with CREATE on 0333 240 7300.

KEY:

- \geq means greater than or equal to
- \leq means less than or equal to
- $>$ means greater than
- $<$ means less than