Reproductive Medicine Laboratory, Edinburgh Fertility Centre

Semen Analysis
Laboratory Form

NHS Lothian

Patient name		Referring GP/Clinician	
Address		Referring Medical Practice / Hospital Ward	
DOB / CHI			
(Attach addressograph, if available)		(Attach GP label, if available)	

Patient to complete before handing sample to a member of staff

Date of sample: _____

Time of sample: _____

Abstinence period (days): _____ days

Was the whole sample collected? ☐ Yes ☐ No

Do you consent to any remaining sample to be used for training or quality control?

☐ Yes ☐ No

I confirm, as the patient named above, this is my semen sample and in the event of referral to the fertility clinic, I consent to this analysis being shared with my partner's GP. Signed:

For Post-Vasectomy Samples Only

Date of vasectomy: _____ Number of weeks since surgery (minimum 12 weeks): _____

Has the sample been produced after at least 20 ejaculations? ☐ Yes ☐ No

Laboratory staff to complete

Production: ☐ Home ☐ Onsite Pot batch: Date/time rec'd (initials):

		Initials ( )
Analysis delay		
Volume (ml)		
Appearance		
Liquefaction		
Viscosity		
pH		

Motility	Replicates	Mean	Mic / Initials (/)
A	/		
B	/		
A+B			
C	/		
D	/		
Total motility (A+B+C)			

		Mic / Initials (/)
Counts 1/2	/	
Dil/Sqrs	/	
Factor		
Conc (x10^6/ml)		Chamber ( )
Total count (x10^6)		
Total motile (x10^6)		

		Mic / Initials (/)
Normal morphology (%)		
TZI		
Round cells (x10^6/ml)		

PVSA / Query Azoo

	Motile (Y/N)	Mic / Initials (/)
LVFDS Count		
Theoretical conc (sperm/ml)		

Comments

Date analysis complete		( )
Date of Apex entry		( )
Date checked/authorised		( )

Attach lab number(s) here

Patient Information

Appointments: Please phone the Andrology office on **0131 242 2463** at least 2 working days after being referred by your GP or clinician. You'll be asked for the numbers that are written on the lid of the specimen pot you were given so please have this information ready before you phone. If you don't call to book your appointment within 12 weeks, your referral will be removed from the list and re-referral will be needed. Office opening times are Monday 8am to 3pm, Tuesday to Thursday 8am to 4pm and Friday 8am to 3:30pm. Please note that we may not be open on public holidays

Sexual abstinence: To optimise your sample, you should not ejaculate (either through masturbation or sexual intercourse) for at least 48 hours before your appointment and no more than 7 days should have gone by since the last ejaculation. If an additional sample is required, this should be repeated 3 months after the initial test (unless otherwise advised) and the number of days abstinence should be consistent.

Producing your sample: We need to receive your sample within 50 minutes of production (45 minutes for a post-vasectomy test). If you live less than 50 minutes from the hospital (or 45 minutes for post-vasectomy), we ask that you produce your sample at home. If you are unable to arrive within that time, you'll need to use a private room at our centre. Please do not produce your sample in any public space, including public toilets – under UK law, this is classed as an obscene act in a public place, contrary to the Sexual Offences Act 2003.

Before producing your sample, pass urine and wash hands and genital area with soap and water. Rinse the soap and water away and dry with a fresh towel (soap and water can damage sperm). Don't touch the inside of the specimen pot as it's sterile. Produce your sample by masturbation, ensuring your sample goes directly into the pot. If the entire sample isn't collected, this may produce inaccurate results. Don't use a condom or lubricant, or collect your sample after intercourse as this can be harmful to the sperm and affect results. Replace the lid on the pot, ensuring a good seal to avoid spillage. Make sure your name and date of birth is on the pot and put it in the sealable part of the specimen bag. Complete the questions overleaf and place the form in the outer pocket of the bag.

If producing at home, when transporting the sample, keep the pot upright to avoid leakage and keep the sample as close to body temperature as possible (e.g. inside jacket pocket). If producing your sample onsite, a member of the lab team will show you to one of the private rooms. If you're unable to produce a sample by masturbation, please contact us and we can advise further.

Arriving at the centre: The Reproductive Medicine Laboratory is part of the Edinburgh Fertility Centre based at the Royal Infirmary of Edinburgh (Little France, EH16 4SA). We are part of the Simpson Centre for Reproductive Health and located on the ground floor. We are closest to car park 1G. When you arrive at the centre, a member of the andrology team will check your pot and form to make sure we have all the information needed for analysis. We ask that you arrive at your appointment time as the samples are time sensitive and we have patient appointments throughout the day. If you're more than 10 minutes late, we will likely need to reschedule your appointment. If you think you might be late for your appointment or need to cancel your appointment, please contact us on 0131 242 2463 as soon as possible.

Post-vasectomy semen analysis: It's recommended that your post-vasectomy semen analysis is carried out after a minimum of 12 weeks from your surgery and after a minimum of 20 ejaculations.

Retrograde semen analysis: If your clinician or GP thinks you may have retrograde ejaculation, you'll be given 2 specimen pots. Before producing your semen sample, please urinate to empty your bladder. Next, follow the information in "Producing your sample" and collect any semen produced by masturbation into one pot. In the other pot, collect the post-ejaculation urine sample (volume of urine should be reasonably low).

Samples unsuitable for analysis: We are unable to analyse samples that are too old, have leaked or have been exposed to extreme temperatures, and we're unable to accept samples if you don't have an appointment.

Results: Results can take up to 2 weeks and can only be sent to the GP surgery you're registered with or to the consultant who referred you. Results cannot and will not be given by the laboratory team.

Consent: By providing a sample to our laboratory, your consent to the semen analysis is inferred. On occasions, we may require samples for training or for quality control purposes. This will have no impact on your analysis or results and only residual semen will be used after processing for your sample is complete. You may opt out of this on the section for "Patient to complete". If you're having a semen analysis in preparation of a referral to the fertility clinic with your partner, you'll need to provide consent for your analysis information being providing to your partner's GP.

