

How it works?

Analysis selection: The service is very flexible and you can select the level of testing that you require from our available packages. We provide a report of your results to your vet with support of how to interpret and inform your decision making.

Booking: To book in your samples please contact us and the team will be able to go through the submission process with you and discuss the levels of testing available and which is best to suit you.

Need help with transportation?

Fresh: We can provide a transportation which is all set up for use and is ideal for taking to farm. Samples can then be sent to RAFT for analysis using Royal Mail's silver service.

There is an additional charge for use of the transportation services. Please let the office know when booking samples in if you wish to use either of the above transport services.

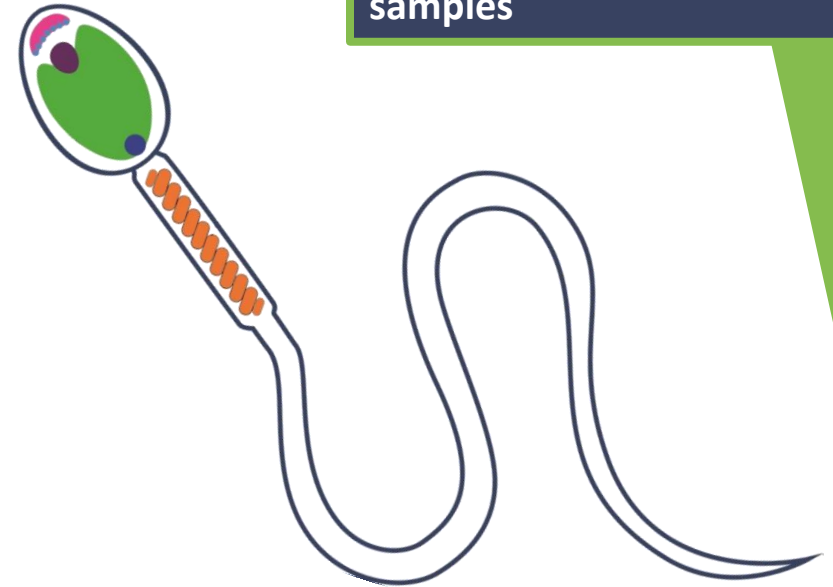


The standard turnaround time from receipt of sample to issue of results is 48 hours. If your sample is urgent please discuss this with the office at the time of booking. We will endeavour to meet with your timescales for urgent samples where possible.

SemenRate

Objective, Repeatable, Reliable

**Independent semen analysis
service for fresh boar semen
samples**



RAFT Solutions Ltd

What is SemenRate?

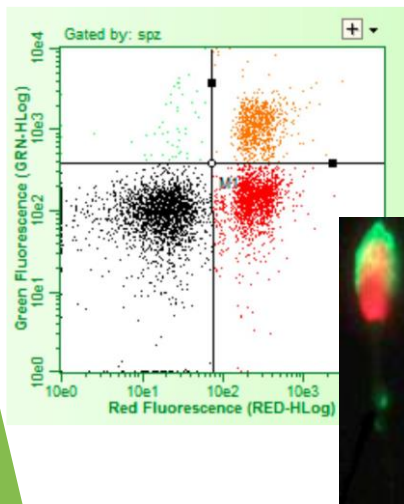
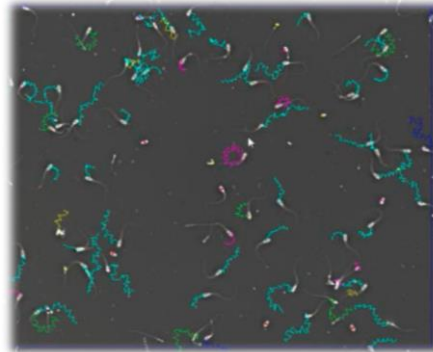
SemenRate is an independent semen analysis service for fresh AI boar semen. It offers a novel combination of Computer Assisted Semen Analysis (CASA) and Flow Cytometry (FC) giving an objective, repeatable and reliable semen evaluation.

We work with your vet to ensure that the analysis informs your on farm decisions.

CASA

CASA measures:

- Concentration
- Motility sub-divided into kinetic populations
- Kinematic measurements
- Morphometry
- Morphology (plus phase contrast microscopy)



Flow Cytometry

The flow cytometer (FC) detects and measures Spermatozoa as they pass through a laser. The spermatozoa are stained with fluorescent dyes and can then be divided into different populations.

FC can detect:

- The level of reactive oxygen species
- Viability and acrosome integrity
- Mitochondrial activity
- DNA compaction

Why use SemenRate?

SemenRate can add objective assessment of motility, concentration and parts of the spermatozoa that **cannot be assessed with standard microscopy**.

The combination of CASA and FC gives invaluable information regarding the quality of semen and its potential to perform in the field. All the parameters measured can have an influence on semen performance.

When to use SemenRate?

- Testing of fresh semen is useful pre-breeding; pre-sale or with suspected infertility issues.

