



Exact[®] Test Report

Patient & Examination Details

Patient Name: **Example**

Patient DOB: **01/01/1990**

Patient Clinic ID: **1234**

Referring Clinician/GP: **Examen**

Referring Clinic: **Examen**

Sample Code: **25SR00010**

Sample Type: **Ejaculate**

Sample Suitable for Examination: **Yes**

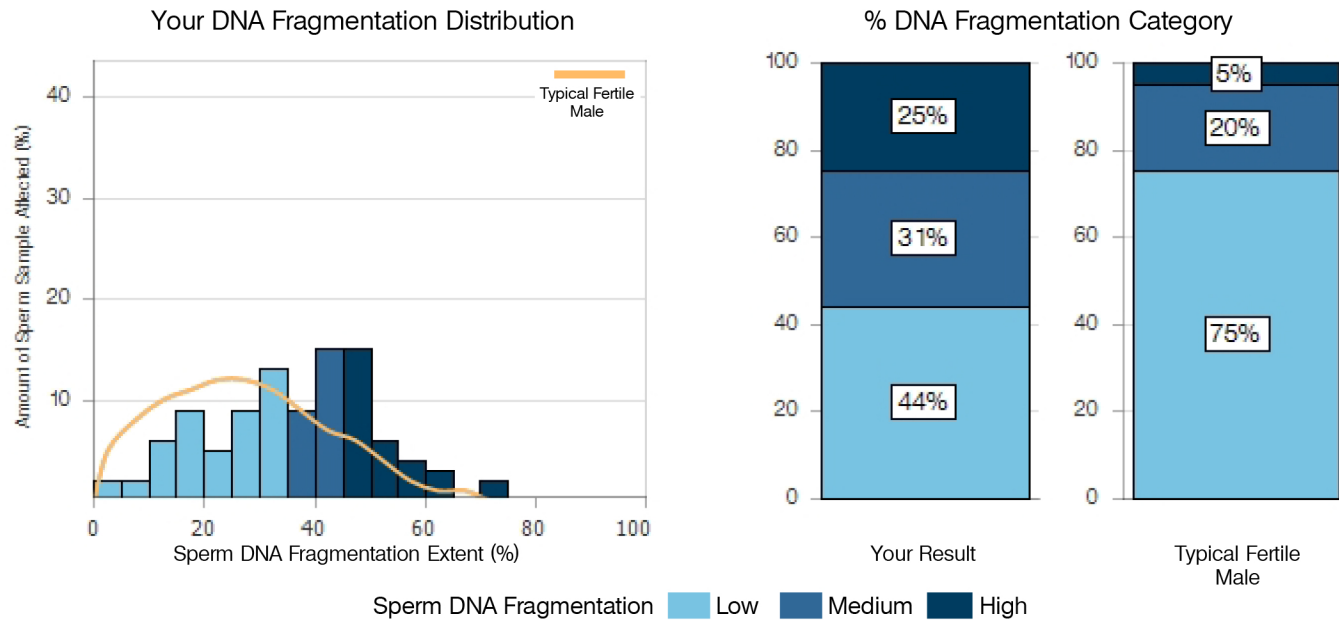
Clinic Results Email: **lab@examenlab.com**

Patient Results Email: **lab@examenlab.com**

Your Result - showing the average percentage of DNA fragmentation of each sperm in your semen sample.

	Your Result	Fertile Range	Status
Average Sperm DNA Fragmentation	36%	0 - 31%	Outside Fertile Range

Your Result Breakdown - showing the distribution of your sperm DNA fragmentation relative to a typical fertile male.



Comments

Outside the normal range, indicating a high risk of male infertility.

Sample Quality Comments: No issues found that might compromise examination results.

It is crucial to consider this **Exact** test result in conjunction with all other relevant clinical information available for the individuals involved in this fertility journey - including their clinical history and any existing infertility diagnosis. Therefore, it is important for patients to discuss their result with their referring clinician to ensure the most informed and effective treatment planning.

Reviewed and authorised by:
On behalf of:



Exact® Test Report

Definitions and Further Information

Why is sperm DNA Important? Good sperm DNA quality is essential for male fertility. Sperm DNA accounts for 50% of a child's genetic makeup.

What happens if your sperm has DNA fragmentation? Every male has some sperm DNA fragmentation. An increased level of sperm DNA fragmentation can impact your ability to conceive naturally.

The Exact Test - this test measures DNA fragmentation in individual sperm cells using single cell gel electrophoresis (SCGE).

Typical Fertile Male Trend Line - this is the average DNA fragmentation distribution taken from 125 fertile males.

Average Sperm DNA Fragmentation - this is the average percentage of DNA fragmentation of each sperm in your semen sample.

Low DNA Fragmentation - 75 percent of a typical fertile male's sperm would fall within this category (75th percentile).

Medium DNA Fragmentation - 20 percent of a typical fertile male's sperm would fall within this category (75th to 95th percentile).

High DNA Fragmentation - 5 percent of a typical fertile male's sperm would fall within this category (95th percentile).

Clinical Reference Ranges

- For typically fertile men, the clinical reference range is from 0 - 31%.
- For men whose partners had a successful live birth outcome following IVF, the clinical reference range is from 0 - 29%.
- For men whose partners have experienced sporadic or re-current miscarriage, the clinical reference range is greater than 29%.

To help you further understand your results please visit our website at <https://examenlab.com/for-men/your-results-explained/>.

About the Exact Test

All results were generated using a CE-marked test, developed and performed in a laboratory certified to ISO 13485 and accredited to ISO 15189 (Laboratory No. 25925).

All examinations are performed and issued by ExamenLab Ltd. If required, an ExamenLab clinical expert can provide you with further interpretation of your results (subject to additional fees). Please make contact during ExamenLab's operating hours (08:00 to 16:00) via myresults@examenlab.com or call +44 (0) 28 9023 8915.



Sample Acceptance Criteria

In order for your sample to be accepted for examination, the following criteria must be met:

- Entire specimen must be collected with no spillage.
- Specimens must be frozen and stored in liquid nitrogen.
- Abstinence must be no longer than 7 days.
- Specimen must be correctly labelled and legible.
- Specimen must be from an acceptable source or sample type.