



FERTILYSIS
MEDICAL LABORATORY & MEDICAL PRACTICES
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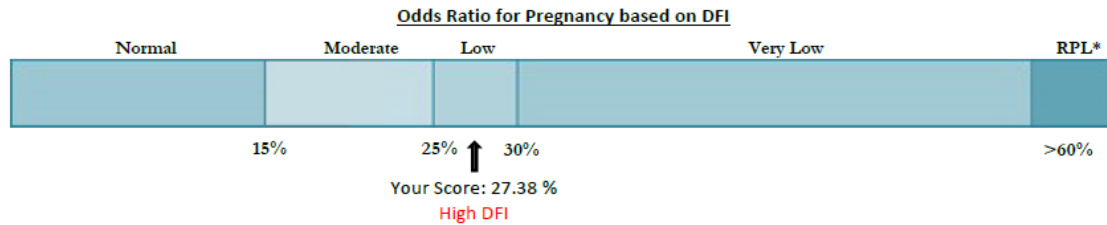
LAB REPORT

DATE:
ORDER NUMBER:
SAMPLE ID:

PATIENT NAME/SURNAME:
DOB (DAY/MONTH/YEAR):
GENDER: MALE

SPECIMEN TYPE: SEMEN
RECEIVED:

SPERM DNA FRAGMENTATION ANALYSIS (DFI) (FMT1004)



INTERPRETATION OF RESULTS AND RECOMMENDATIONS: HIGH RISK

High levels of DNA fragmentation in the sperm indicate lower than average odds ratio for pregnancy*. We propose that your doctor proceeds in further investigation to determine possible sources of oxidative stress and sperm DNA damage such as inflammation and infection. Antioxidant and male normal flora supplementation to reduce oxidative stress damage is recommended.

In case you are using some sort of assisted reproduction method, some research suggests that assisted reproduction by ICSI, results in significantly higher implantation rates for sperm with DFI scores above 30% in comparison to IVF.

**Because of high levels of biological variation in sperm production and high susceptibility of sperm cells to environmental or circumstantial factors, sperm test results may vary between ejaculations and can fluctuate over time. For this reason, we recommend that pathological test results should be confirmed at least once, ideally following appropriate treatment.*

A.D. Crizanis Ph.D.
Immunologist

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Reproductive Biologist

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