



PCG[®] SPERM DNA FRAGMENTATION KIT



Easy-to-use concept

- ▶ Quick execution time (7-10 minutes per test)
- ▶ Simple operation with the pre-set program



High repeatability and high accuracy

A minimum of 5000 sperm cells is analyzed for each sample



Two main sperm variables

- ▶ DNA Fragmentation Index - DFI: percentage of sperm with detectable DNA damage
- ▶ High DNA stainability - HDS: percentage of sperm with immature chromatin



Rapid simple report

Standard Reporting Template is pre-installed on the instrument



Supplied sperm preservation solution

Storage and transport of semen without using liquid nitrogen

ORDER INFORMATION

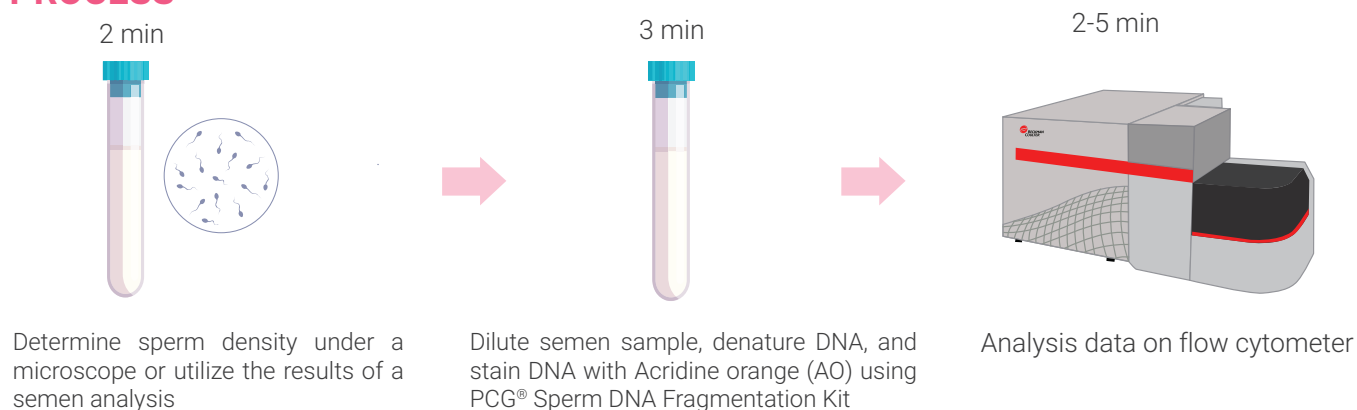
Product	Package	REF
PCG [®] Sperm DNA Fragmentation Kit	50 tests	PI0100050
PCG [®] Sperm DNA Fragmentation Kit	100 tests	PI0100100

PCG® Sperm DNA Fragmentation Kit is recommended to be used to determine the degree of sperm DNA fragmentation in the following cases:

- ▶ Couples with persistent infertility even after treatment of the female partner
- ▶ Couples with unexplained infertility
- ▶ Couples considering IUI, IVF, ICSI
- ▶ Recurrent miscarriages or early pregnancy loss
- ▶ Men over 40 years of age
- ▶ Men who are smokers
- ▶ Men on certain prescription medicines can affect sperm
- ▶ Men who have been treated for cancer
- ▶ Men exposed to toxic agents
- ▶ Men who have had an Urinary Test Infection (UTI)
- ▶ Men considering varicocele repair



PROCESS



SPECIFICATION

Regulatory Status	IVD
Intended User	Laboratory technician
Technology	Flow cytometry
Type of Analysis	Quantitative
Target	DFI (DNA fragmentation index)
Maximum value of the test	DFI ≤ 98%
Repeatability	Coefficient of variation (CV) ≤ 6%
Reproducibility	Coefficient of variation (CV) ≤ 10%
Validated Specimen	Semen sample
Storage	2 - 8°C
Instruments	Flow cytometer with 488 nm laser

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