

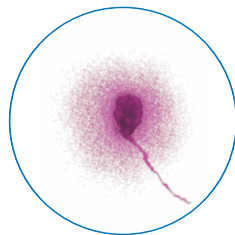
fast

easy

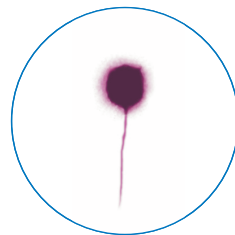
performable in
any laboratory

IVD

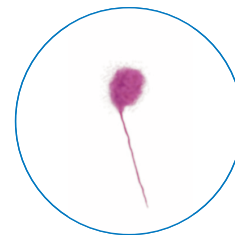
Sperm DNA fragmentation test



non-fragmented



fragmented



degraded

halosperm®
recommended in:

unknown etiology fertility failure

embryo loss

repetitive miscarriage

best donor selection

selection of best seminal samples
prior to vasectomy or oncology treatments

age > 45, smokers, exposure to toxics or pollutants

infectious diseases, fever and varicocele indicators

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sample processing



1. Spermatozoa immersion in agarose microgel and spread out on the slide

17 minutes

2. Sample treatment with acid denaturation and lysis solution

32 minutes

3. Dehydration, stain and microscopic visualization

26 minutes

Bibliography: Fernández et al. Cohan et al. Muriel et al. Vélez et al.

The results obtained with the technology are similar to those of other techniques available in the market: SCSA, TUNEL, ISNT, DBD-FISH.

references

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Gosálvez J., et al. "Sperm DNA fragmentation a dynamic or static concept?", *Revista Iberoamericana de Fertilidad*, 2008, May-Jun; vol. 25, n° 3; 195-205

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Ollero M. et al. "Characterization of subsets of human spermatozoa at different stages of maturation: implications in the diagnosis and treatment of male infertility", *Hum Reprod.* 2001 Sep; 16 (9): 1912-21

contact information

