



In Vitro Diagnostics

Spermatozoa assessment

Three test kits to examine morphology and vitality of sperm cells.

SemenStain is a quick-staining-method to assess the morphology of spermatozoa (spermiogram) and allows differential staining of the different sperm parts due to their specific basophilic, eosinophilic and neutrophilic properties.

The SemenVit kit examines the vitality of sperm cells, which is particularly important with semen samples of less than 40 % of forward moving (motile) sperm.

The SemenHos test is used to test the vitality of sperm cells. This hypo-osmotic swelling test, which uses a hypotonic solution, where only vital cells with an intact membrane swell.

- Assess morphology of spermatozoa, using a staining method
- Examine the vitality of sperm cells, using a dye exclusion method
- Test the vitality of sperm cells, using a hypo-osmotic swelling test



Spermatoza assessment

Three test kits to examine the morphology and vitality of sperm cells.



SemenStain

- Morphology assessment of spermatozoa. Succedanstaining method.
- Differential staining of spermatozoa tissues based on their basophilic, eosinophilic and neutrophilic properties
- Shelf life is 36 months from time of manufacture if the product is stored at 15-25 °C.



SemenVit

- Vitality assessment of spermatozoa. Dye exclusion method.
- Based on the integrity of the sperm membrane in live spermatozoa
- Shelf life is 24 months from time of manufacture if the product is stored at 2-8 °C



SemenHOS

- Vitality assessment of spermatozoa. Hypoos-motic swelling method
- Based on the semi-permeability of the intact cell membrane and the possibiling of active water transport
- Swelling effect in intact sperm cells can be observed for up to 30 min
- Shelf life is 24 months from time of manufacture if the product is stored at 2-8 °C

Order codes	Description
FGYZR10050-Stain	1 x 50 ml Reagenz 1 1 x 50 ml Reagenz 2 1 x 50 ml Reagenz 3 1 x 50 ml Reagenz 4
FGYZR10300-Vit	1 x 20 ml Reagenz 1 1 x 30 ml Reagenz 2
FGYZR106020-HOS	20 x 900 µl solution

Gi151/V2

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