Sperm VitalStain™

Intended Use: Summary and Explanation

An optimised staining technique for assessment of sperm vitality.

Components

Sodium Chloride Eosin Y Nigrosine Formalin Water

Storage and Stability

Store at 10-40°C. Under these conditions Sperm VitalStain $^{\text{TM}}$ has a shelf-life of 24 months. The expiry date is shown on both bottles and cartons.

Ordering Information

Volume 2x10mL Article No. SVS-010

Precautions and Warnings

- Sperm VitalStain™ does not represent any kind of fire or combustion hazard. A material safety data sheet is available from the distributor or manufacturer (see nidacon.com)
- Do not use any solution which shows evidence of bacterial contamination or if stopper accidentically comes in contact with unsterile surfaces
- · Do not re-use
- · Rinse thoroughly with water if in contact with skin
- If in contact with eye rinse thoroughly for 15 minutes with water and contact hospital





For further technical information or assistance, please contact your distributor or the manufacturer.

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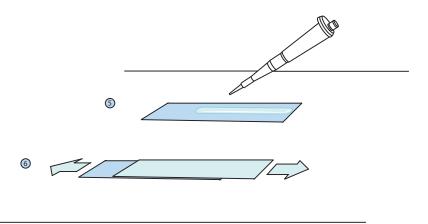
Reagents and Equipment

- Sperm VitalStain™
- Light microscope (400-1000x magnification)
- · Microscope slides
- Pipette
- Test tube
- DPX
- Immersion oil

Procedure for staining with Sperm VitalStain™

- Shake the bottle of Sperm VitalStain™ before use
- Add an equal amount of Sperm Vitalstain to the sperm sample (eg. 50µl SVS + 50µl semen). Mix well
- 3. Incubate for 30 seconds at room temperature
- Use your conventional method to make a slide or use the method described below

- Transfer a 20µl droplet onto a labelled microscope slide with a pipette, making a string/line of fluid in the middle of the slide
- Cover this slide with a second microscope slide and, when the droplet is evenly spread between the two slides, pull them apart from each other horizontally. This method will give you two good slides
- Let the smears air dry and examine directly. Mount the slides with coverslips and DPX or equivalent mountant to store for later use
- 8. Examine using a bright-field 40x objective or a 100x objective under oil immersion
- Count 200 sperm, the white (unstained) are classified as alive and the red or pink are classified as dead. Sperm coloured only at the neck region are assessed as alive



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