

Sperm VitalStain™

- An optimised one-step staining technique for assessment of sperm vitality during semen analysis.

The King of Vitality

Sperm VitalStain™ is an optimised staining technique for assessment of sperm vitality, which is one of the basic tools used in semen analysis. The technique is based on the principle that dead cells (i.e. those with damaged plasma membrane) will take up the eosin and stain red. Nigrosin is used as a counterstain to facilitate visualization of the unstained (white) live cells.



Sperm VitalStain™



Technical Information

Sperm VitalStain™ is a salt solution containing the historical colouring agents eosin and nigrosin, the eosin being taken up by dead sperm through porous membranes, and the nigrosin providing a dark contrast background to emphasise the red eosin.

Performance characteristics

pH 7.3 - 9.5

Components

Sodium Chloride
Eosin
WFI quality water
Nigrosin
Formalin

Ordering information

Volume Article No.
2 x 10 mL SVS-010

Storage conditions and shelf life

Store at ambient temperature. Under these conditions Sperm VitalStain™ has a shelf-life of 12 months. The expiry date is shown on both bottles and cartons.

The Queen of Simplicity

Sperm VitalStain™ one-step vital staining technique. **Sperm VitalStain™** does not require assessment of many fields and the concept of using eosin uptake to mark dead cells, and nigrosin background stain, increasing the contrast between faintly stained cells and otherwise bright background, is well known and widely used.

Sperm VitalStain™ can be stored unopened at room temperature for up to 1 year from production date, ensuring minimal wastage.

Why complicate your work?

Use a one-step staining technique



www.nidacon.com

Nidacon International AB

E-mail contact@nidacon.com

Tel: +46 31 703 06 30 Fax: +46 31 40 54 15

