SEMEN ANALYSIS 
DISPOSABLES 
AND 
COMPONENTS 

MORE THAN JUST BASIC 
SEMEN ANALYSIS
MOTILITY AND CONCENTRATION

Counting chambers SCA
Disposable counting chambers to analyse motility, concentration and pH of semen:
10 micron – 2 chambers – pH
10 micron – 6 chambers
20 micron – 2 chambers
20 micron – 6 chambers

References:
MOT-10-2-PH
MOT-10-2
MOT-10-6
MOT-20-2
MOT-20-6

SCA Leja slides
Disposable counting chambers for semen analysis, optimised for SCA®:
10 micron – 4 chambers

Reference: 10.4.25

GoldCyto slides
Disposable counting chambers for semen analysis:
20 micron – 4 chambers

Reference: GC-20-SE

FluoCount
The best choice for the motility and concentration analysis in samples with high level of detritus, using fluorescence.

Reference: FLUO-C
FLUO-C-BULL

QC-Beads
Suspensions of latex beads for quality control in concentration analysis (manual/automated).

Reference: QC-B

Compatible with SCASCOPE
<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Reference</th>
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</thead>
<tbody>
<tr>
<td><strong>Sperm Stain</strong></td>
<td>Ready to use Diluted staining kit for human analysis to differentiate the morphological structures of the spermatozoa.</td>
<td>SS</td>
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<tr>
<td><strong>SpermBlue</strong></td>
<td>Kit all-in-one to stain all the components of the sperm differentially in different intensities of blue. It can be used for all species.</td>
<td>SB-250-N</td>
</tr>
<tr>
<td><strong>Diff-Quik</strong></td>
<td>Set for the rapid staining of sperm samples. The previously air-dried smears are fixed and stained in only 15 seconds.</td>
<td>DQ-ST</td>
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<tr>
<td><strong>Morphology slides SCA</strong></td>
<td>Pre-stained slides that combine conventional microscope slides and isosmotic SpermBlue stain into a ready to use device.</td>
<td>MRF-SB</td>
</tr>
<tr>
<td><strong>Eukitt</strong></td>
<td>Mounting medium for a contrasted image and long period storage. To use in combination with any stain.</td>
<td>EUK-100</td>
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DNA FRAGMENTATION

**GoldCyto DNA**
Test that allows the assessment of sperm DNA Fragmentation, based on the Sperm Chromatin Dispersion (SCD) test. 20 analysis.

Reference: GOLDCYTO-DNA

VITALITY

**Vitality slides SCA**
Eosine-Nigrosine based stain, BrightVit, optimised in one-step staining technique for the assessment of sperm vitality in brightfield.

Reference: VIT-BV

**FluoVit**
Fluorochromes preparation for evaluation of vitality without the interference of detritus, using fluorescence.

Reference: FLUO-V

ACROSOME REACTION

**FluoAcro**
Kit for acosome intact and acosome reacted sperm as important sperm functional tests.

Reference: FLUO-A
**Leukocytes slides SCA**
Kit for detection of peroxidase positive cells in semen. A semen sample is mixed with a substrate specific for the enzyme peroxidase.

Reference: LEU-SLIDES

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**Immunological tests:**
**MarScreen**
Kit for the detection of antibodies on the surface of sperm cells.

References: MAR-A
MAR-G
MAR-M

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**Biochemical assays:**
**CitricScreen**
Kit to measure the amount of citric acid in seminal plasma.

Reference: CITRIC

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**AcroScreen**
Kit for the quantification of acrosin (acrosome enzyme) activity in semen.

Reference: ACRO-96

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**For viscous samples:**
**ViscoFlux**
Kit for minimizing the viscosity of semen samples.

Reference: VISCO-F

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**PBS-t**
Phosphate Buffered Saline tablets for simple sperm washing.

Reference: PBS-t
**Precision balance**
Precision scale for laboratory to measure the weight of samples and calculate the volume. The data can be transferred automatically to SCA®.

Reference: HCB1502

**Barcode reader**
Electronic device for reading printed barcodes (for an easy and no error data input). USB connection cable.

Reference: LCB-CCDPRO63

**Label printer**
Label printer with direct thermal technology and auto cutter for an easy identification of samples (containers and slides).

Reference: QL-570

**Positive displacement pipette**
Will ensure accuracy and precision when pipetting semen and offers full protection against cross contamination (1-10 µL).

Reference: GI-M10
USB Portable heating stage
Device which fits onto any regular microscope stage. Warming surface, USB connection, temperature controlled by software.
Reference: HS-PT-USB

Portable heating stage
Portable heating stage with external temperature controller. Compatible with any regular microscope.
Reference: HS-PT-IT

External hot plate
External hot plate with external controller. 250 x 500 mm.
Reference: HS-EXT

Warming blocks
Blocks for tube warming to use in combination with a hot plate or an incubator: (10 tubes x 14/17 cc, 2 tubes x 14/17 cc tilt or 10 tubes x 6 cc).
Reference: tube 14/17 cc, tube 6 cc, tube 14/17 cc tilt

Reference: HS-EXT
MICROPTIC S.L., company based in Barcelona, Spain, is a world leading company in the field of semen analysis. The main goal of our business is to produce high quality products that are continuously improved, integrating the last innovative technology available.

All our disposables are compatible with SCA® CASA System.

WARNING: Not all our disposables are compatible with SCA SCOPE. See indications inside.