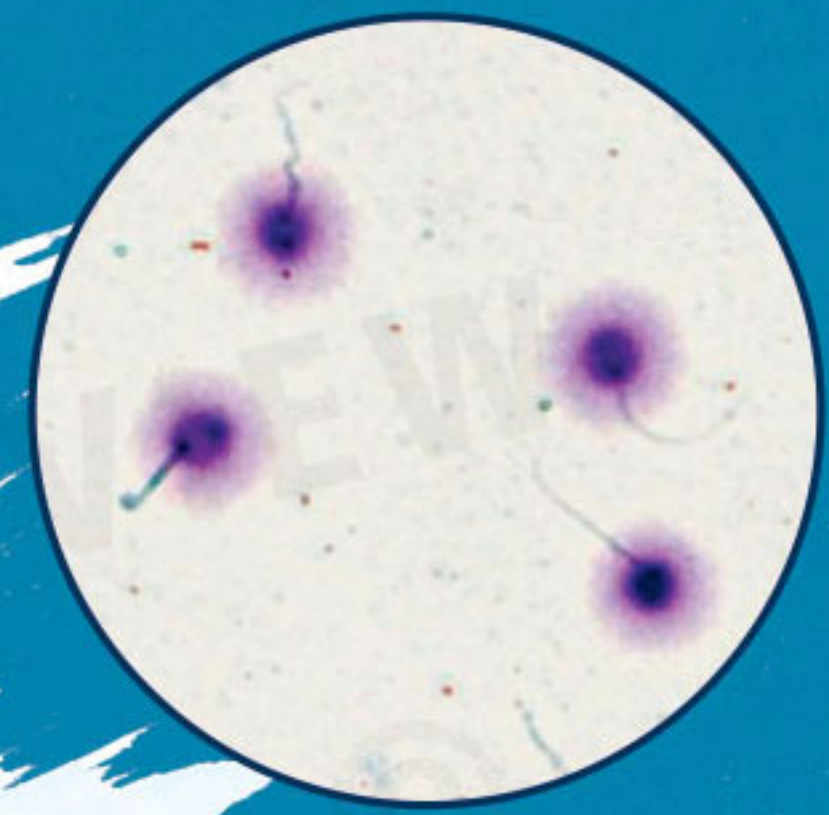




CANDORE Bioscience



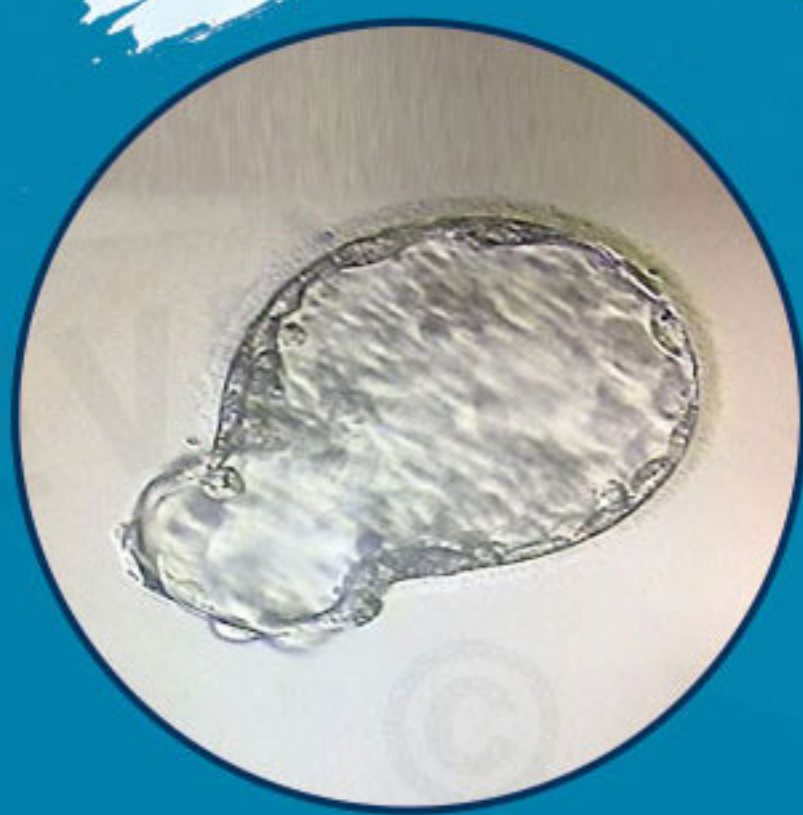
Your



ART

C

LAB



Ally



CANfrag

Sperm DNA fragmentation detection kit

CANfrag is the kit to determine level of DNA fragmentation in human sperms. The kit works on the principle of sperm chromatin dispersion (SCD) assay forming Halos i.e intact DNA forms bigger halos and fragmented DNA forms small or no halo.

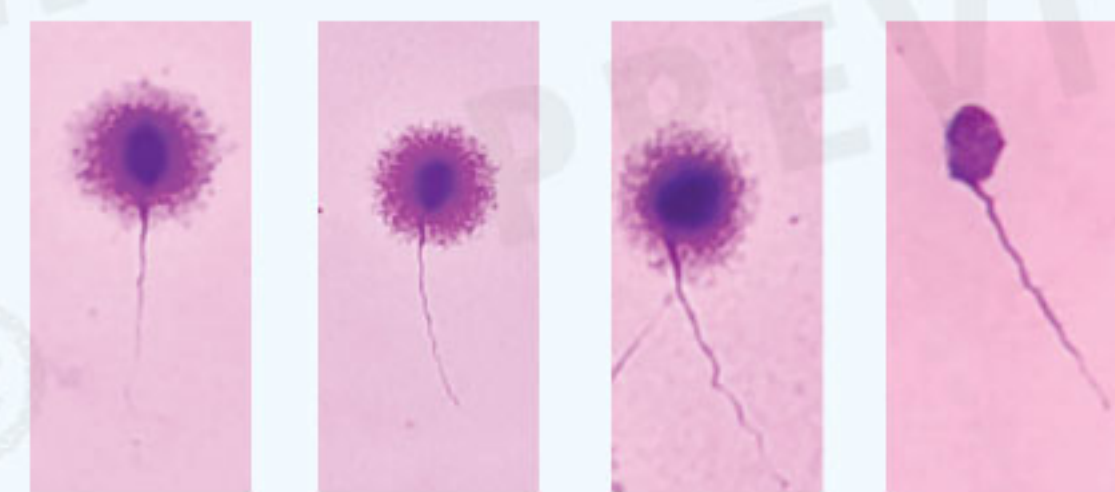
Indication:

- Multiple failure of IUI/IVF/ICSI
- Poor sperm parameters
- Unexplained infertility
- Repeated miscarriages
- Advanced age
- Exposure to harmful toxins

Advantages:

- Raw/washed/frozen -thaw samples can be analyzed
- Can be performed using simple lab instruments

Available as: 1) Kit for 5 Tests 2) Kit for 10 Tests



CANros

Kit to determine Reactive Oxygen Species in human semen

CANros is the kit to determine the presence of Reactive Oxygen Species (ROS) in the Semen sample. Color change indicates the level of free radicals present.

Indication:

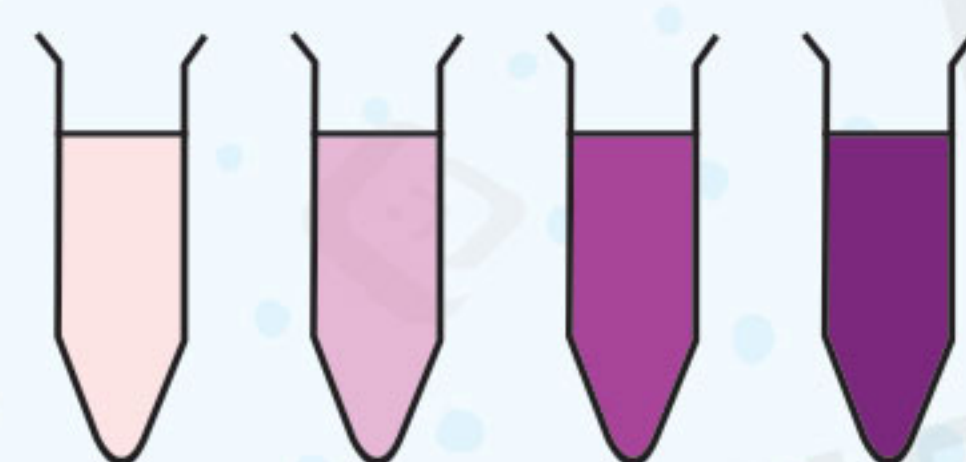
- Exposure to stress / alcohol / microbial infection / chemicals / UV radiations / smoke / tobacco etc
- Advanced age
- High concentration of leucocytes in semen

Advantages:

- Test is performed by raw semen
- Can be performed using simple lab instruments

Available as: 1) Kit for 10 Tests 2) Kit for 20 Tests

www.candore.in



CANsep

Sperm Sorting using Magnetic Separator

It's a non-invasive method to select non-apoptotic sperm using magnetic separation technique. The extrusion of Phosphatidylserine (PS) which is normally present in the inner leaflet of the plasma membrane, to the outer surface has been identified as an early marker for apoptosis.

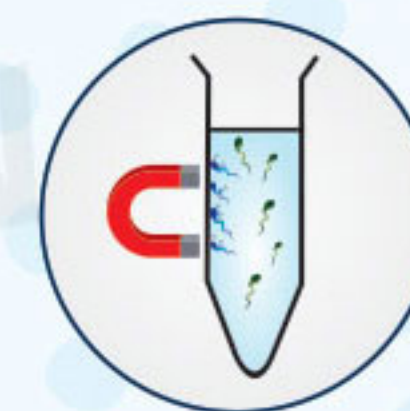
In this technique paramagnetic nano beads conjugated with Annexin V, a 35-36 kDa phospholipid binding protein, which selectively binds to the external phosphatidylserine present on the outer membrane of apoptotic sperm.

Indication:

- ◉ Sperm with high DFI (DNA Fragmentation Index)
- ◉ Poor semen parameters / varicocele / advanced age
- ◉ Repeated or recurrent IVF/ICSI failure / arrested embryo development / poor blastocyst development
- ◉ Repeated miscarriages with idiopathic cause

Advantages:

- ◉ Column free method.
- ◉ Better Cryo-survival rate of Sperm



CANfreeze & CANthaw

PN stage to Blastocyst Freezing & Thawing Media

Vitrification is an ultra-rapid freezing technique which is used to freeze and thaw PN stage embryo to Blastocysts. The media contains Hydroxypropyl Cellulose (HPC) and Trehalose as an alternate for HSA and Sucrose respectively which reduces cell membrane rupture due to osmotic imbalance.

- ◉ CANfreeze- Freezing media for PN stage to Blastocyst
- ◉ CANthaw- Thawing media for PN stage to Blastocyst

Advantages:

- ◉ Kit contains synthetic compounds Hydroxypropyl Cellulose (HPC) and Trehalose
- ◉ Better survival rates of embryos/blastocysts after freezing and thawing



CANmorph



Pre-Stained Morphology Slides for Human Sperms

CANmorph are pre-stained slides to determine the morphology of human sperms with the help of conventional bright field microscope. The slides are coated with the stain solution that helps the sperms to get stain when the drop of semen is placed over the slide.

Advantages:

- ◉ Fresh / diluted / frozen - thaw or processed semen can be analyzed
- ◉ Follow WHO and Kruger strict morphology criteria

Available as: 1) Kit for 25 Tests 2) Kit for 50 Tests



CANsure

CANsure is a MEA & HSSA tested cleaning solution used in laboratories for cleaning of Incubators, Laminar flow hoods and Floor.

Active ingredients: Quaternary Ammonium Compound

Advantages:

- ◉ Removes stain easily
- ◉ Non- alcoholic / non toxic / non sticky
- ◉ non corrosive (on medical grade steel)
- ◉ Effective over bacteria, fungi and virus within 15 minutes

Available as:

- 1) CANsure (CO₂ Incubator & Laminar Flow) - 500ml spray bottle
- 2) CANsure (Floor (100x)) - 500ml bottle
- 3) CANsure (Hand Sanitizer) - 70ml



MEA Tested

HSSA Tested

VOC Free



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