



KACEY[®]

DIAGNOSTICS

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KACEY ANDRO (SEMEN) STAIN

SUMMARY AND EXPLANATION

THE KACEY ANDRO-SEMEN STAIN IS A MANUAL METHOD FOR PERFORMING THE STAINING OF SPERM.
The methodology follows quite closely to the classical Wright Giemsa stain method combined with also the Kruger methodology for identify the morphology of sperm.

Andro (Semen) Staining Set

This is a Three (3) Reagent Seven (7) Step procedure for differentiation and or identifying the morphological shape and sizes of spermatozoa.

SUMMARY

Andro-Stain is a stain set for manual staining of spermatozoa. The staining characteristics are also similar to the traditional Wright's and Wright's Giemsa stains. The Andro9sperm) Stain offers the flexibility of a three-to-seven dip staining sequence in both the stain and counter-stain solutions.

STORAGE CONDITIONS

Store at controlled room temperature (15-30°C). Keep bottles tightly closed when not in use. Do not use after expiration date specified on box label.

PROCEDURE

Materials Provided:

- Veti-Stain Solution 1
- Veti-Stain Solution 2
- Veti-Stain Solution 3

NOTE: Staining intensity may be varied by increasing or decreasing the number of dips in Sol 2 & 3 –For a more RED INTENSITY , increase the number of dips into Solution 2; for a more BLUE INTENSITY , increase the number of dips into Solution 3. Ideally, 4-7 one second dips into each Solution will produce the desired results. Any variation of the procedure other than described above may adversely effect the results.

Precautions: Veti-Stain Fixative Solution contains methyl alcohol and is a Flammable Liquid. Danger – Poison May Be Fatal or Cause Blindness if Swallowed.

Vapor is Harmful and Will Cause Eye Irritation. Do not breathe vapor. Avoid contact with eyes, skin, or clothing. Keep container closed. Use with adequate ventilation.

Keep from heat, sparks and open flame. Wash thoroughly after handling. Cannot Be Made Non-poisonous First Aid: If swallowed, call a physician immediately. In case of contact with eyes, immediately flush with water for 15 minutes and notify a physician. Wash exposed areas thoroughly after handling.

WARNING: Solution I contains trace amounts of sodium azide which may react with copper and lead plumbing to form highly explosive metal azides. On disposal, flush with a large volume of water to prevent azide build-up. All products are warranted to perform as described in their labeling and corresponding literature. All other warranties expressed or implied, including the warranty of merchantability and fitness for use are excluded. In no event shall Kacey Inc. Be liable for any indirect consequential damages.

INDICATION OF DETERIORATION

Mold growth or excessive precipitation in reagents is indications of contamination and or degradation.

SPECIMEN COLLECTION AND PREPARATION

Smears can be prepared from fresh or frozen semen samples that must be first thawed and dried for at least five(5) -twenty (20) minutes

TECHNIQUE

1. Solution are already identified in your Stain Work Station (SWS) in the three step jars found in your stain Work Station (SWS)
Note: Always keep covers on jars when not in use
2. Prepare slides as instructed under Specimen Collection.

3. Dip each slide to be processed from four(4) to Seven (7) Times with one second dips into Solution 1.

Allow excess reagent to drain or blot slide.

4. Repeat this procedure substituting Solution I and Solution 2 , 3 respectively.

5. Rinse slides with a Deionized water solution and allow to dry. Examine using immersion oil.