

CONCEPTION TECHNOLOGIES
SEMEN VTS
Viscosity Treatment System
Catalog # VTS-20
FOR LIQUIFACTION OF VISCOUS SEMEN SAMPLES
FOR INVESTIGATIONAL USE ONLY

INTENDED USE

CONCEPTION TECHNOLOGIES Semen VTS is designed to be used to liquify semen samples which have remained viscous after 30 minutes at room temperature. Semen VTS is intended to assist in sample preparation prior to microscopic analysis only.

KIT COMPONENTS

-20 vials of Proteolytic Enzyme. Each vial contains 5 mg lyophilized alpha-Chymotrypsin.
-Instructions For Use

STORAGE INSTRUCTIONS AND STABILITY

Store the product at -20°C upon receipt. Warm to room temperature (25°C) prior to use. The product has one year shelf life from date of manufacture. The expiration date is shown on the box.

DIRECTIONS FOR USE

1. Gloves and mask should be worn when working with the Semen VTS reagents.
2. Prior to opening each vial, tap the vial on a hard surface to dislodge any powder lodged in the vial cap.
3. Add the total contents of one vial of Proteolytic Enzyme (Chymotrypsin) to the semen sample (0.5-5.0 mL semen). Gently mix the sample to dissolve the powder.
4. Place the sample at 37°C until liquefaction occurs. If liquefaction has not occurred within 2 hours, the sample is not appropriate for use with Semen VTS.
5. Once the sample has been liquified, the Proteolytic Enzyme should be neutralized. Neutralization, if desired, can be accomplished by addition of exogenous protein such as Human Serum Albumin (HSA) or Sperm Wash Media, both are not provided.
6. The sample is now ready for standard semen analysis.

PRECAUTIONS AND WARNINGS

Chymotrypsin is known to successfully assist in liquefaction of the majority of hyper-viscous semen samples. However, samples may be occasionally encountered in which the efficacy of this enzyme is reduced.

RELATED PRODUCTS

Human Serum Albumin (Catalog # EHSA, (100mg/mL in normal saline)
Sperm Wash containing Human Serum Albumin, (Catalog # EW-100, with HSA at 5mg/mL or EWG-100, with Gentamicin and HSA at 5mg/mL).

Conception Technologies has a full line of products for the Reproductive Medical Specialist. Please call or write for specific information or to receive a copy of our current price list.



**CONCEPTION
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