

Sperm-Liquick

Cat. No. SLIQ123

For professional use only

This new ready-to-use product is intended for liquefaction of viscose (grade 2-3, WHO) sperm sample.

1. Each vial should be used for up to 3ml of sperm sample.
2. Sperm sample is exposed for 2-3 min to enzyme by gentle mixing using 3 ml plastic Pasteur pipette.
4. Following treatment sperm should be immediately analyzed and washed or overlaid onto gradient column for next preparation.

References:

- Alvarez J.G., Strock R. "Effects of Enzymatic Liquefaction of Semen on Sperm Motility Parameters", Abstract, 23 Annual American Society of Andrology, March 1998. J. Androl, Suppl., Jan-Feb, p 52, 1998.
- Mortimer D. Practical Laboratory Andrology. Oxford University Press, New York, p 282, 1994.
- Bollendorf A., Check J.H., Katsoff D. and Fedele A. The use of chymotrypsin/galactose to treat spermatozoa bound with anti-sperm antibodies prior to intra-uterine insemination. Human Reproduction, 9, 484-488, 1994.
- Tucker M., Wright G, Bishop F, Wiker S., Cohen J., Chan Y.M. and Sharma R. Chymotrypsin in semen preparation for ARTA. Mol. Androl., 2, 179-186, 1990.
- Pattinson H. A., Mortimer D. and Taylor P. J. Treatment of sperm agglutination with proteolytic enzymes. II. Sperm function after enzymatic disagglutination. Hum. Reprod. 5, 174-178, 1990a.
- Cohen J. and Aafjes J.H. Proteolytic enzymes stimulate human spermatozoal motility and *in vitro* hamster egg penetration. Life Sciences, 30, 899-904, 1982.