Polyvinylpyrrolidone (PVP) with HSA

Polyvinylpyrrolidone (PVP-K90) is a synthetic copolymer with a molecular weight of 360,000 Daltons. PVP is intended for use in ICSI procedures involving immobilization of sperm.

PVP with HSA solution is a ready-to-use PVP with HSA (5 mg/mL), reconstituted in an isotonic HEPES buffered HTF medium.

7% PVP with HSA Solution, Catalog #90121
- Recommended for use with low quality or low motility sperm specimens
- Available in kits of 5 x 0.5 mL
- Has a shelf-life of 6 months from the date of manufacture when stored at the recommended temperature of 2° to 8°C.

10% PVP with HSA Solution, Catalog #90123
- Recommended for use with highly motile sperm specimens
- Available in kits of 5 x 0.5 mL
- Has a shelf-life of 6 months from the date of manufacture when stored at the recommended temperature of 2° to 8°C.

Lyophilized PVP* is composed of USP grade PVP which is dissolved in Water for Injection (WFI) grade water and then membrane (SAL 10°) filtered and lyophilized.

10% Lyophilized PVP*, Catalog #99219
- Available in kits of 10 x 1 mL
- Requires aseptic reconstitution with an appropriate medium (such as sperm washing medium, catalog #9983) prior to use
- Has a shelf-life of 2 years from the date of manufacture, once reconstituted lyophilized PVP may be stored for up to 3 weeks when stored at the recommended temperature of 2-8°C.
- Does not contain protein supplement

Features and Benefits
- Available with HSA (5 mg/mL) for improved immobilization and manipulation of sperm.
- Yields greater control over fluid flow in the ICSI pipette.
- Prevents the spermatozoa from sticking to the pipette.

Each lot of PVP receives a complete laboratory evaluation, including endotoxin level, pH, osmolality and sterility testing. All results are provided in a lot-specific Certificate of Analysis.

Irvine Scientific’s commitment to excellence is demonstrated by our products’ performance and adherence to the industry’s highest quality standards. We were one of the first companies in the USA to receive ISO 13485:2003 quality systems certification, the new rigorous international quality assurance standard designed specifically for Medical Devices.

Always refer to product inserts for complete instructions for use. For more information on all of our Reproductive Devices, call 1 (800) 437 5706.