

Andrology

SepaSperm®

- For density-gradient centrifugation for sperm separation and washing.
- Wash Solution is equilibrated with HEPES.

CE
0086



	Order Number	Code	Contents
SepaSperm® Solution	TBA	SESSG-100	100mL
SepaSperm® Wash Solution	92147	SEWSG-100	100mL
SepaSperm® Lower Layer	92144	SELLG-50	50mL
SepaSperm® Middle Layer	92145	SEMLG-50	50mL
SepaSperm® Upper Layer	92146	SEULG-50	50mL

COMPONENTS

Calcium chloride / Gentamicine sulfate / Glucose / HEPES / Magnesium sulfate / Potassium chloride / Potassium phosphate / Ricombinant Human Albumin / Silane-coated silica particles / Sodium bicarbonate / Sodium chloride / Sodium lactate / Sodium pyruvate /

QUALITY CONTROL

pH 7.2-7.6 / Osmolality 270-350 mOsm/kg / Endotoxin <0.25EU/mL / Mouse Embryo Assay ≥80% / Sperm Survival(24h) ≥60% / Sperm Penetration >3 / Sterile Filtration / Sterility Test

Storage: 2-8°C / Shelf Life: 90 days

KITAZATO®

URL www.kitazato.co.jp

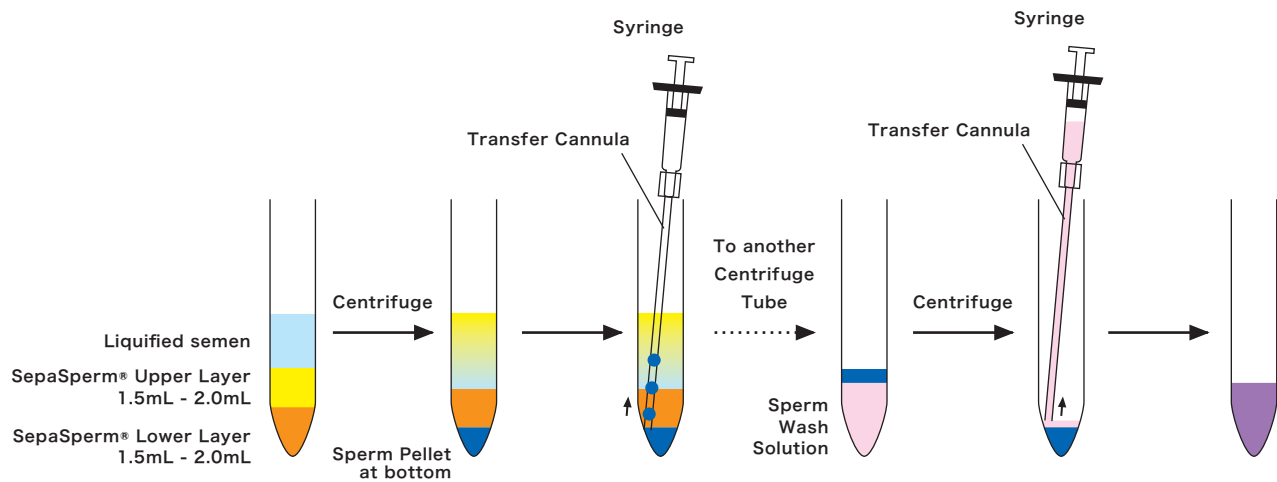
Mail trading@kitazato.co.jp

CONTACT :
Kitazato Corporation International Sales Division
 1-1-8 Shibadaimon, Minato-ku, Tokyo 105-0012 JAPAN
HEAD OFFICE :
 81 Nakajima, Fuji, Shizuoka 416-0907 Japan

- Specification may change without pre-notice for purpose of product improvement.
- Kitazato Logo is trademarked.

TEL
 +81-3-3434-1653
 FAX
 +81-3-3434-1652

An example of two-layer density gradient centrifugation



- 1 Make layers of different sperm preparation solution in the next order. (From bottom to up)
 (1) SepaSperm® Lower Layer 1.5mL~2.0mL
 (2) SepaSperm® Upper Layer 1.5mL~2.0mL
 (3) Liquified semen
- 2 Centrifuge the tube at 400 x g for 20 minutes. (sperm separation)
- 3 Set the syringe on the upper part of Transfer Cannula and aspirate sperm pellet.
- 4 Remove the syringe from the Transfer Cannula. Dispense 3.0-5.0mL of Sperm Wash Solution into a new centrifuge tube containing the transferred sperm pellet for sperm washing.
- 5 Centrifuge the tube at 400 x g for 5 minutes. Remove the supernatant leaving only the sperm pellet.
- 6 Dilute and adjust the sperm concentration with appropriate solution according to your needs.