SAVING LIVES WITH SERVATOR

GLOBAL TRANSPLANT SOLUTIONS

SERVATOR P®

Lung Perfusion & Preservation

ORGAN PRESERVATION SOLUTION

- Identical to the most widely used Lung Perfusion solution available
- Available in 1000 and 3000 ml bags, with accompanying vial of THAM
- FDA cleared in 2021
- Preserves lungs for transplant for up to 12 hours, depending upon the status of lung at the time of procurement
- Helps protect microvasculature against post-ischemic reperfusion injury[1]
- Every unit of Servator P® includes a vial of THAM/TRIS (trometamol or tromethamine) for pH adjustment to 7.4 just prior to use
- 24 Month Shelf Life
- Manufactured at our GMP/ISO/Health Canada Certified sterile manufacturing facility
- FREE direct delivery where applicable, FREE two-day shipping, with Next Day also available if necessary.

Global Transplant Solutions, Inc., is proud to supply Servator P (Lung Perfusion and Preservation Solution) to the North American Organ Procurement and Transplant Community.

Servator P® Lung Perfusion and Preservation Solution is identical to the most widely used lung perfusion solution available. Servator P® is a lightly buffered "extracellular", (low [K+]) colloid-based electrolyte preservation solution for rapid cooling, perfusion and storage of donated lungs procured for transplantation.

SERVATOR P® is produced at our modern, automated cGMP and ISO certified sterile manufacturing plant to insure every product meets the highest quality standards set by the US Food and Drug Administration, European Union Health Ministry and Health Canada Interim Policy Directive for Organ Perfusion Solutions. The modern production processes and highest-grade ingredients used in manufacturing Servator P® provide extended shelf life, and the most batch-to-batch product consistency.

Servator P® Availability

- Box containing 5 bags of 1000 ml, and 5 vials of THAM (1 Vial per bag)
- Box containing 2 bags of 3000 ml, and 2 vials of THAM (1 Vial per bag)

Global Transplant Solutions

Global Transplant Solutions (GTS) is exclusively dedicated to the Organ Procurement and Transplant Market, Worldwide. We believe supporting the global increase in organ donation is the primary purpose of every person at GTS. That's why, as a start, every employee at GTS is a registered Organ Donor, and why our message, Fostering the Mission, is ingrained in everything we do.

Our overriding focus is on providing this life saving community with the highest quality products available, and to continue to pursue ways of improving the current products. Every unit produced for GTS goes through a rigorous quality control and quality assurance process to insure each unit meets the standards required by organ procurement and transplant professionals. The life-saving gift of a donated organ deserves nothing less!

All GTS products are manufactured at our cGMP sterile manufacturing plant. Sterility is assured by means of Terminal Sterilization, the gold standard in quality assurance.

SERVATOR™

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FDA

CE 0373

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SERVATOR P®

Lung Perfusion & Preservation

ORGAN PRESERVATION SOLUTION

COMPOSITION

SERVATOR P®			LUNG PERFUSION SOLUTION		
COMPOUND	QUANTITY (G/L)	mmol/L	EXPRESSION IN FORM OF ION	QUANTITY (G/L)	mmol/L
Dextran 40	50	-	Dextran 40	50	-
Glucose Monohydrate	1	5	Glucose Monohydrate	1	5
Potassium Chloride	0.4	6	K^+ (Potassium) from Potassium Chloride and Potassium Phosphate monobasic	0.4	6
Sodium Chloride	8	138	Na^+ (Sodium) from Sodium Chloride and Sodium phosphate dibasic dihydrate	8	138
	-	142	Cl- (Chloride) from Potassium Chloride and Sodium Chloride	-	142
Potassium Phosphate monobasic	0.063	0.8	HPO4 (Phosphates) from Sodium phosphate dibasic dehydrate and Potassium Phosphate monobasic	0.063	0.8
Sodium phosphate dibasic dehydrate (Servator P) or Disodium phosphate (Lung Perfusion Solution)	0.0576*	0.8		0.046*	0.8
Magenesium Sulphate Heptahydrate (Servator P) or Magnesium Sulphate (Lung Perfusion Solution)	0.201*	0.8	SO4—(sulphates) come from Magenesium Sulfate Heptahydrate Mg^{++} (Magnesium)	0.098*	0.8
Water for injection	q.s. to 1000 ml		Water for injection	q.s. to 1000 ml	

FORMAT

SIZE	SIZE
1000 mL / 3000 mL	1000 mL / 3000 mL

CLAIMS / INDICATIONS

SERVATOR P®	LUNG PERFUSION SOLUTION
Servator® P for Lung perfusion is indicated for the flushing, storage and transportation of isolated lungs after removal from the organ donor, in preparation for eventual transplantation into a recipient.	Lung Perfusion Solution is indicated for the flushing, storage and transportation of isolated lungs after removal from the donor, in preparation for eventual transplantation into a recipient.

***Please note:**

With respect to Magnesium Sulphate and Disodium phosphate, the mmol concentration of the active ion/ingredient are the same in both Servator P and Lung Perfusion Solution. The difference in the g/l of each ingredient is due to the water content in the respective formulation components:

(0.201g/L of MgSO4 X 7H2O (Magnesium Sulphate Heptahydrate) in Servator P = 0.098g/L MgSO4 (Magnesium Sulphate) in Lung Perfusion Solution (0.201g/L of Magnesium Sulphate Heptahydrate in Servator P X 120.37(MW MgSO4) /246.37 (MW MgSO4 X 7H2O) = 0.098g/L of Magnesium Sulphate in Lung Perfusion Solution).

0.0576 g/L of Na2HPO4 X 2H2O (Disodium phosphate bibasic dehydrate) in Servator P = 0.046 g/L Na2HPO4 (Disodium phosphate) in Lung Perfusion Solution (0.0576g/L of Disodium phosphate bibasic dehydrate in Servator P X 141.96 (MW Na2HPO4) /177.96 MW Na2HPO4 X 2H2O = 0.046g/L of Disodium phosphate in Lung Perfusion Solution).

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