

# SAVING LIVES WITH SERVATOR



**GLOBAL  
TRANSPLANT  
SOLUTIONS**

**SERVATOR M®**

**UW MACHINE PERFUSION SOLUTION**



- Identical formulation to the previously FDA cleared University of Wisconsin Machine Perfusion solution
- Servator M is FDA cleared with the intended use for the in-vitro flushing and continuous hypothermic machine perfusion and preservation of explanted kidneys.
- Servator M has a calculated potassium concentration of 25 mEq/L, a sodium concentration of 100 mEq/L, an osmolality of 300 mosmol/kg, and a pH of approximately 7.4 at 20° C.
- Servator M can be stored at room temperature (2° - 25° C (36° - 77° F)). For the actual machine perfusion of Servator M, a range of 4° - 8° C is acceptable.
- 24 month shelf life
- Produced at our GMP/ISO/Health Canada certified sterile manufacturing facility

Global Transplant Solutions, Inc., is proud to supply Servator M (Kidney Machine Perfusion Solution) to the American Organ Procurement and Transplant Community.

Servator M® UW Machine Perfusion Solution is an identical formulation to the original machine perfusion solution developed by Folker Belzer at the University of Wisconsin, and sold worldwide. Servator M® UW Machine Perfusion Solution has been shown to be a safe and effective flush and perfusion solution for use in in-vitro kidney machine perfusion. SERVATOR M® UW Machine Perfusion Solution is produced at our modern, automated cGMP and ISO certified sterile manufacturing plant to ensure 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 M® provide extended shelf life, and the most batch-to-batch product consistency.



## Servator M® Availability

- Box containing 10 bags of 1000 ml
- Individual 1000 ml bags also available

## 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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**SERVATOR M®**

**BELZER MPS® / KPS-1®**

COMPOSITION	INGREDIENT	QUANTITY (G/L)	mmol/L	INGREDIENT	QUANTITY (G/L)	mmol/L
	Adenine (free base)	0.68	5	Adenine (free base)	0.68	5
	Calcium Chloride (dihydrate)	0.068	0.5	Calcium Chloride (dihydrate)	0.068	0.5
	Dextrose (+)	1.80	10	Dextrose (+)	1.80	10
	Glutathione (reduced)	0.92	3	Glutathione (reduced)	0.92	3
	HEPES (free acid)	2.38	10	HEPES (free acid)	2.38	10
	Hydroxyethyl Starch	50.0	N/A	Hydroxyethyl Starch	50.0	N/A
	Magnesium Gluconate (anhydrous)	1.13	5	Magnesium Gluconate (anhydrous)	1.13	5
	Mannitol	5.4	30	Mannitol	5.4	30
	Potassium Phosphate (monobasic)	3.4	25	Potassium Phosphate (monobasic)	3.4	25
	Ribose, D (-)	0.75	5	Ribose, D (-)	0.75	5
	Sodium Gluconate	17.45	80	Sodium Gluconate	17.45	80
	Sodium Hydroxide	0.70	N/A	Sodium Hydroxide	0.70	N/A
Water for injection	q.s. to 1000 ml	N/A	Water for injection	q.s. to 1000 ml	N/A	
FORMAT	SIZE			SIZE		
	1000 mL			1000 mL		
CLAIMS / INDICATIONS	SERVATOR M®			BELZER MPS® / KPS-1®		
	<p>Servator M® Organ Preservation Solution is intended for the in-vitro flushing and continuous hypothermic machine perfusion preservation of explanted kidneys.</p>			<p>Belzer MPS® Organ Preservation Solution is intended for the in-vitro flushing and continuous hypothermic machine perfusion preservation of explanted kidneys.</p>		

