

Materials List for:

Normothermic *Ex Vivo* Kidney Perfusion for the Preservation of Kidney Grafts prior to Transplantation

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Materials

Name	Company	Catalog Number	Comments
Neonatal cardiopulmonary bypass technology	SORIN GROUP Canada Inc (Markham, Canada)	Custom made	Neonatal venous reservoir D100 (500 ml, 1/16" in- and outflow), neonatal oxygenator D100, centrifugal pump head (Revolution), arterial bubble filter (D130)
Heart lung machine, Stöckert S3	SORIN GROUP Canada Inc (Markham, Canada)	Custom made	Centrifugal pump, roller pump, control panel (sensors for pressure, flow, temperature, bubbles, and level), oxygen blender, heater unit
Tubing	SORIN GROUP Canada Inc (Markham, Canada)	01906BPC SG XS	3/16" x 1/16"
		019071PC SG XS	1/4" x 1/16"
		019060PC SG XH	3/8" x 1/16"
Tubing connectors	SORIN GROUP Canada Inc (Markham, Canada)		Various sizes
STEEN solution	XVIVO (Göteborg, SWE)	19004	200 ml
Ringer's lactate	Baxter (Mississauga, ON, CAN)	JB2324	175 ml
Sodium bicarbonate	Hospira (Montréal, QC, CAN)	6625050	pH-dependent
Calcium gluconate	Pharmaceutical Partners of Canada (Richmond Hill, ON)	C31110	Calcium-dependent
Heparin	Sandoz Canada Inc (Toronto, ON, CAN)	10750	1,000 IU
Amino acid and glucose, Travasol 10%	Baxter (Mississauga, ON, CAN)	JB6760	1 ml/hr
Fast acting insulin, Novorapid	Novo Nordisk Canada Inc (Mississauga, ON, CAN)	DS6H748	5 IE/hr
Verapamil	Sandoz Canada Inc (Quebec, QC, CAN)	52216	0.25 mg/hr