

BICART SELECT CITRATE SYSTEM SPECIFICATIONS

SPECIFICATIONS	SELECTBAG ONE CONTAINER	BICART SELECT COMBI-PAK
Intended use	The SelectBag Citrate product is intended to be used as citric acid based concentrate together with the BiCart cartridge and the SelectCart cartridge. The SelectBag citrate product is intended to be used for on-line preparation of hemodialysis, hemodiafiltration and hemofiltration fluids on compatible Gambro dialysis systems.	The BiCart and SelectCart products are intended for preparation of hemodialysis solutions and, when used on compatible Gambro dialysis systems, hemodiafiltration and hemofiltration substitution fluids. The BiCart and SelectCart products must always be used together with a suitable A-component concentrate.
Content	1 L of acid-based concentrate to be diluted	BiCart cartridge: 720g of NaHCO ₃ SelectCart cartridge: 1200 g NaCl
Dilution Ratio	1:200	
Volume of Dialysis fluids when mixed	200 L	190 L at Na ⁺ /HCO ₃ setting 140/34
Duration time at Q _d of 500 ml/min	6H40	BiCart cartridge: 6H45 SelectCart cartridge: 6H15
Container Material	Low density polyethylene (LDPE)	Polyolefin medical grade
Packaging	Cardboard box with 6 bags	Cardboard box with 8 cartridges
Box size	H 320 mm x L 258 mm x W 182 mm	H 298 mm x L 198 mm x W 322 mm
Box weight	Approximately 7 kg	Approximately 9 kg
Quantity per pallet	300 bags	384 Cartridges
Shelf life	24 months	24 months
Storage condition	Store between +4°C and +30°C	Store below +40°C

SelectBag Citrate		Contribution from A to the dialysis fluid				
PRODUCT CODE	PRODUCT NAME	K ⁺ mmol/l	CA ²⁺ mmol/l	MG ²⁺ mmol/l	CITRATE mmol/l	GLUCOSE g/l
115227	CX140G	1.00	1.40	0.50	1	1
114683	CX150G	1.00	1.50	0.50	1	1
114845	CX165G	1.00	1.65	0.50	1	1
114684	CX175G	1.00	1.75	0.50	1	1
115228	CX240G	2.00	1.40	0.50	1	1
114685	CX250G	2.00	1.50	0.50	1	1
114846	CX265G	2.00	1.65	0.50	1	1
114686	CX2550G	2.50	1.50	0.50	1	1
114694	CX2565G	2.50	1.65	0.50	1	1
114687	CX260G	2.00	1.60	0.50	1	1
114688	CX275G	2.00	1.75	0.50	1	1
115229	CX340G	3.00	1.40	0.50	1	1
114689	CX350G	3.00	1.50	0.50	1	1
114693	CX365G	3.00	1.65	0.50	1	1

SelectBag Citrate		Contribution from A to the dialysis fluid				
PRODUCT CODE	PRODUCT NAME	K ⁺ mmol/l	CA ²⁺ mmol/l	MG ²⁺ mmol/l	CITRATE mmol/l	GLUCOSE g/l
114690	CX375G	3.00	1.75	0.50	1	1
115230	CX440G	4.00	1.40	0.50	1	1
114691	CX450G	4.00	1.50	0.50	1	1
114848	CX465G	4.00	1.65	0.50	1	1
114692	CX475G	4.00	1.75	0.50	1	1
114695	CX150	1.00	1.50	0.50	1	0
114850	CX165	1.00	1.65	0.50	1	0
115362	CX240	2.00	1.40	0.50	1	0
114696	CX250	2.00	1.50	0.50	1	0
114851	CX265	2.00	1.65	0.50	1	0
114697	CX275	2.00	1.75	0.50	1	0
114698	CX350	3.00	1.50	0.50	1	0
114582	CX365	3.00	1.65	0.50	1	0
114699	CX375	3.00	1.75	0.50	1	0

BiCart Select combi-pak		Contribution from A to the dialysis fluid		
PRODUCT CODE		SODIUM mmol/l	CHLORIDE mmol/l	BICARBONATE mmol/l
EU 107617 / WW 109574		140	108-111.5	34

For safe and proper use of the device, please refer to the Instructions for Use

- Daimon S, Dan K, Kawano M. *Comparison of acetate-free citrate hemodialysis and bicarbonate hemodialysis re-garding the effect of intra-dialysis hypotension and post-dialysis malaise.* Ther Apher Dial 2011; 15(5): 460-5.
- Gabutti L, Lucchini B et al. *Citrate- vs. acetate-based dialysate in bicarbonate haemodialysis: consequences on haemodynamics, coagulation, acid-base status, and electrolytes.* BMC Nephrol 2009, 10: 7.
- De Sequera P, Garcia R P, Molina M et al. *Prospective randomized multicenter study to demonstrate the benefits of haemodialysis without acetate (with citrate):ABC-treat Study. Acute effect of citrate.* Nefrologia 2019; 39(4): 424-433.
- De Sequera Ortiz P, Albalade Ramon M et al. *Acute effect of citrate bath on postdialysis alkalaemia.* Nefrologia 2015; 35:164-71.
- Grundstrom G, Christensson A, Alquist M et al. *Replacement of acetate with citrate in dialysis fluid: a randomized clinical trial of short term safety and fluid biocompatibility.* BMC Nephrol 2013, 14:216.
- Dellepiane S, Medica D., Guarena C et al. *Citrate anion improves chronic dialysis efficacy, reduces systemic in-inflammation and prevents Chemerin-mediated microvascular injury.* Sci Rep 2019; 9: 10622.
- Molina Nunez M, de Alarcon R et al. *Citrate versus Acetate-Based Dialysate in On-Line Haemodiafiltration. A Pro-spective Cross-Over Study.* Blood Purif 2015; 39:181-187.

The BiCart Select system concentrate is compatible with Baxter dialysis machines.



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