

PETTY PATENT NO. 11133

CitraMix

- ✓ **R**educed heparin anticoagulation 30-50%
- ✓ **R**educed dialyzer clotting
- ✓ **R**educed inflammation
- ✓ **R**educed risk of bleeding
- ✓ **I**mprove efficiency
- ✓ **R**eplacement of acetate with citrate in dialysis fluid: a randomized clinical trial of short term safety and fluid biocompatibility.

Grundström et al. BMC Nephrology 2013, 14:216

<http://www.biomedcentral.com/1471-2369/14/216>

CITRAMIX reduced clotting.

The resulting citrate concentration reduces the thrombogenic potential of the extracorporeal circuit or dialyser for conventional dialysis and on-line Hemodiafiltration in pre or post dilution practices and without reduction of dialysis dose prescribed. By limiting the availability of calcium ions, citrate dialysis fluid may allow for reducing heparin anticoagulation.



Bacteria < 50 CFU/ml

Endotoxin < 0.25 EU/ml

**Pharmaceutical
Grade**

**Comply with
ISO 13958**

*Concentrates for
haemodialysis and
related therapies*

Premium Quality

RENAL SERVE

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General Formula of **Citra Mix** Dialysis Solution

Items	Code No.	Sodium mEq/L	Potassium mEq/L	Calcium mEq/L	Magnesium mEq/L	Glucose g/L	Citrate mEq/L
Citra mix-A1*	CR 21001	138.0	2.0	3.5	1.0	1.0	2.4
Citra mix-A2*	CR 21002	138.0	2.0	2.5	1.0	1.0	2.4
Citra mix-A3*	CR 21003	138.0	3.0	2.5	1.0	1.0	2.4
Citra mix-A4	CR 21004	138.0	2.0	2.0	1.0	1.0	2.4
Citra mix-A5	CR 21005	138.0	0	3.5	1.0	1.0	2.4
Citra mix-A6*	CR 21006	138.0	3.0	3.5	1.0	1.0	2.4
Citra mix-A7	CR 21007	138.0	4.0	3.5	1.0	1.0	2.4
Citra mix-A8	CR 21008	138.0	2.0	3.5	1.0	0	2.4
Citra mix-A9	CR 21009	138.0	2.0	3.5	1.0	2.0	2.4
Citra mix-A10	CR 21010	138.0	4.0	2.5	1.0	1.0	2.4
Citra mix-A11	CR 21011	138.0	0	0	1.0	0	2.4
Citra mix-A12	CR 21012	138.0	0	3.0	1.0	2.0	2.4

* Citra mix-B (Part B), code no. DR 22001/CR 22001, Bicarbonate ion 32.0 mEq/L and other formula are available on request.

A quality product of Renal Serve

Citra Mix is produced in the clean room. Using pharmaceutical grade ingredients. Therefore, the dialysis solution is produced without Bacteria (Testing bacteria by using pour plate technique) and Endotoxin less than **0.25 EU/ml**. and this is the New Standard of Dialysis Solution by Citra Mix



Citra Mix ได้รับความคุ้มครองตามอนุสิทธิบัตร เลขที่ 11133 การละเมิดหรือลอกเลียนแบบมีโทษตามกฎหมาย