



RENOSOL SET

MODULAR PRODUCT SET FOR THE PREPARATION OF ACIDIC CONCENTRATES (1+34) IN THE CENTRAL CONCENTRATE SUPPLY

The modular mixing system of the Renosol set ensures the safe preparation of dialysis fluids mixed with all components by using defined packages. The electrolytes are presented in dissolved form from the outset. For hemodialysis, the individual components of the Renosol sets must be dissolved in water of a suitable grade (water for hemodialysis) using a suitable mixing system.

BENEFITS

- Quick and convenient dissolving of components
- Complies with the EU *Pharmacopoeia*
- Up to 70% volume savings compared to storage of 1+34 concentrates

RENOSOL SET

Composition of the ready-to-use dialysis fluid: 1 liter acidic concentrate made from the Renosol set and 32.775 liters water for hemodialysis + 1.225 liters bicarbonate concentrate 8.4% yields a ready-to-use hemodialysis solution with the following electrolyte concentrations:

Product name	K ⁺ mmol/l	Na ⁺ mmol/l	Ca ⁺⁺ mmol/l	Mg ⁺⁺ mmol/l	Cl ⁻ mmol/l	HCO ₃ ⁻ mmol/l	Acetate ⁻ mmol/l	Glucose g/l	Art. no.
Renosol 127	2	138	1.25	0.5	108.5	32	3	1	5263
Renosol 10	2	140	1.25	0.75	111	32	3	0	5243
Renosol 14	2	140	1.25	0.75	111	32	3	1	5255
Renosol 16	2	140	1.5	0.5	111	32	3	1	5258
Renosol 11	2	140	1.5	0.75	111.5	32	3	0	5249
Renosol 15	2	140	1.5	0.75	111.5	32	3	1	5256
Renosol 04	2	140	1.75	0.75	112	32	3	0	5241
Renosol 09	2	140	1.75	0.75	112	32	3	1	5246
Renosol 05	2	140	1.75	0.75	112	32	3	2	5247
Renosol 17	3	140	1.5	0.5	112	32	3	1	5259

Shelf life: Renosol set = 24 months, Renosol-EI = 36 months

Not all products are available in all countries.

Set configuration*

One set produces 100 l acidic bicarbonate hemodialysis concentrate, 1+34

- Renosol-EI: 1 canister with liquid electrolyte concentrate (approx. 10 kg)
- Renosol-NaCl: 2 bags with sodium chloride, each in a box (approx. 10.7 kg/bag)
- Renosol-Glucose: Available with or without 1 or 2 bags glucose, depending on the formulation ordered (approx. 3.8 kg/bag (1 g glc./l))

Palletizing

18 sets per pallet, equivalent to 1,800 liters of liquid concentrate, compared to 1+34 acidic hemodialysis concentrates

- 1,800 vs. 540 liters in canisters per pallet (70% storage volume saving)
- 1,800 vs. 800 liters in containers per pallet space 800-l high-volume container (60% storage volume saving)

Product	Container	Size (W x H x D)
Renosol set	cardboard box	255 x 335 x 585 mm



*The Renosol set components are not suitable for direct use in dialysis machines. For safe use of Renosol, please refer to the instructions for its use as well as to the manufacturer's instructions for use of the mixing device for the preparation of liquid acid hemodialysis concentrates (mixing ratio 1+34).