



INSTRUCTIONS FOR USE - READ CAREFULLY!

Fresenius Kabi Deutschland GmbH
D-61346 Bad Homburg v.d.H., Germany

Nephrosteril®

For intravenous infusion

Composition

1 litre contains:

L-Isoleucine	5.10 g
L-Leucine	10.30 g
L-Lysine monoacetate	10.01 g
Δ L-Lysine 7.1 g	
L-Methionine	2.80 g
Acetyl cysteine	0.50 g
Δ L-Cysteine 0.37 g	
L-Phenylalanine	3.80 g
L-Threonine	4.80 g
L-Tryptophan	1.90 g
L-Valine	6.20 g
Arginine	4.90 g
L-Histidine	4.30 g
Aminoacetic acid	3.20 g
L-Alanine	6.30 g
L-Proline	4.30 g
L-Serine	4.50 g
L-Malic acid	1.50 g
Glacial acetic acid	1.38 g

1210 kJ/l Δ 280 kcal/l

Content of amino acids = 70 g/l

Total nitrogen content = 10.8 g/l

Theoretical osmolality = 645 mosm/l

Storage conditions
Store protected from light and not above 25 °C!

Precautions
Do not use Nephrosteril® after expiry date!

Do not use if the solution is cloudy or if the container is damaged.
Keep out of the reach of children.

Further Information

Presentation
Available in 250 and 500 ml bottles packed in carton:
10 x 250 ml
10 x 500 ml

Manufactured by
Fresenius Kabi Austria GmbH
8055 Graz
Austria

on behalf of
Fresenius Kabi Deutschland GmbH
61346 Bad Homburg v.d.H.
Germany



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Indications

Balanced supply of protein elements in acute and chronic renal insufficiency as well as during peritoneal and hemodialysis treatment.

Contra-indications

Impaired amino acid metabolism, advanced functional impairment of the liver, severe cardiac insufficiency, hyperhydration, hypokalemia, hyponatremia.

Side effects

Excessive drop rates may lead to intolerance such as nausea, chills, and vomiting.

Notes

This solution does not contain electrolytes, observe therefore the blood electrolyte level.

If necessary, supply sufficient potassium in order to ensure the anabolic utilization of amino acids. Monitor regularly the water-electrolyte metabolism as well as the acid-base status and serum urea. A possibly existing reduction of renal function has to be treated at first by supplying sufficient amounts of water and electrolytes.

The infusion of Nephrosteril may lead to increased production of gastric acid and stress ulcer.

Interactions with other drugs

Remarks:

The addition of drugs should be avoided, as additives may lead to chemico-physical changes in the amino acid solution and thus to toxic reactions. If drugs have to be given, observe sterility, complete mixture,

Application and Dosage

changes in the solution and general compatibility.
Solutions with drugs must not be stored.

For intravenous infusion.

If not otherwise prescribed up to 0.5 g amino acids/kg BW and day Δ 500 ml per day at 70 kg body weight in acute and chronic renal insufficiency **without** dialysis treatment. Up to 1 g amino acids/kg BW and day Δ 1000 ml per day at 70 kg BW in acute and chronic renal insufficiency **under** hemodialysis, hemofiltration or peritoneal dialysis treatment.

Max. dosage:

up to 1.5 g amino acids/kg BW and day Δ 1500 ml per day at 70 kg body weight. The drop rate should not exceed 20 drops/minute.

Administer calory carriers either before or simultaneously by mouth or parenterally.

Duration of Application

In acute renal insufficiency duration of application is from some days up to maximum of two weeks.

In chronic renal insufficiency **without** dialysis treatment as well as in acute and chronic renal insufficiency **under** hemodialysis, hemofiltration, or peritoneal dialysis treatment Nephrosteril can be used until a sufficient **oral** supply of protein can be again given.